

Form **990**

Return of Organization Exempt From Income Tax

2004

Under section 501(c), 527, or 4947(a)(1) of the Internal Revenue Code (except black lung benefit trust or private foundation)

Open to Public Inspection

Department of the Treasury
Internal Revenue Service

The organization may have to use a copy of this return to satisfy state reporting requirements

A For the 2004 calendar year, or tax year beginning , 2004, and ending , 20

- B Check if applicable
- Address change
- Name change
- Initial return
- Final return
- Amended return
- Application pending

Please use IRS label or print or type See Specific Instructions

C Name of organization **Institute of Electrical and Electronics Engineers, Inc. (IEEE)**

Number and street (or P.O. box if mail is not delivered to street address) Room/suite
445 Hoes Lane

City or town, state or country, and ZIP + 4
Piscataway, NJ 08854-1331

D Employer identification number
13 : 1656633

E Telephone number
(732) 562-5334

F Accounting method: Cash Accrual
 Other (specify) ▶

Section 501(c)(3) organizations and 4947(a)(1) nonexempt charitable trusts must attach a completed Schedule A (Form 990 or 990-EZ).

G Website: ▶ **www.ieee.org**

J Organization type (check only one) ▶ 501(c) (3) ◀ (insert no.) 4947(a)(1) or 527

K Check here if the organization's gross receipts are normally not more than \$25,000. The organization need not file a return with the IRS, but if the organization received a Form 990 Package in the mail, it should file a return without financial data. **Some states require a complete return.**

H and I are not applicable to section 527 organizations.

H(a) Is this a group return for affiliates? Yes No

H(b) If "Yes," enter number of affiliates ▶

H(c) Are all affiliates included? Yes No (If "No," attach a list. See instructions.)

H(d) Is this a separate return filed by an organization covered by a group ruling? Yes No

I Group Exemption Number ▶ **2038**

L Gross receipts: Add lines 6b, 8b, 9b, and 10b to line 12 ▶ **472,413,774**

M Check if the organization is **not** required to attach Sch. B (Form 990, 990-EZ, or 990-PF).

Part I Revenue, Expenses, and Changes in Net Assets or Fund Balances (See page 18 of the instructions.)

1 Contributions, gifts, grants, and similar amounts received:					
a Direct public support	1a	343,950			
b Indirect public support	1b	748,113			
c Government contributions (grants)	1c	727,194			
d Total (add lines 1a through 1c) (cash \$ 1,819,257 noncash \$ 0)	1d			1,819,257	
2 Program service revenue including government fees and contracts (from Part VII, line 93)	2			215,005,853	
3 Membership dues and assessments	3			42,152,468	
4 Interest on savings and temporary cash investments	4			1,848,666	
5 Dividends and interest from securities	5			1,198,238	
6a Gross rents	6a	61,596			
b Less: rental expenses	6b	0			
c Net rental income or (loss) (subtract line 6b from line 6a)	6c			61,596	
7 Other investment income (describe ▶)	7				
8a Gross amount from sales of assets other than inventory	(A) Securities		(B) Other		
	209,142,652	8a	0		
b Less cost or other basis and sales expenses	203,821,108	8b	0		
c Gain or (loss) (attach schedule)	5,321,544	8c	0		
d Net gain or (loss) (combine line 8c, columns (A) and (B))		8d		5,321,544	
9 Special events and activities (attach schedule). If any amount is from gaming , check here <input type="checkbox"/>					
a Gross revenue (not including \$ _____ of contributions reported on line 1a)	9a				
b Less: direct expenses other than fundraising expenses	9b				
c Net income or (loss) from special events (subtract line 9b from line 9a)	9c			0	
10a Gross sales of inventory, less returns and allowances	10a				
b Less: cost of goods sold	10b				
c Gross profit or (loss) from sales of inventory (attach schedule) (subtract line 10b from line 10a)	10c			0	
11 Other revenue (from Part VII, line 103)	11			1,185,044	
12 Total revenue (add lines 1d, 2, 3, 4, 5, 6c, 7, 8d, 9c, 10c, and 11)	12			268,592,666	
13 Program services (from line 44, column (B))	13			241,908,367	
14 Management and general (from line 44, column (C))	14			7,683,961	
15 Fundraising (from line 44, column (D))	15			412,803	
16 Payments to affiliates (attach schedule)	16				
17 Total expenses (add lines 16 and 44, column (A))	17			250,005,131	
18 Excess or (deficit) for the year (subtract line 17 from line 12)	18			18,587,535	
19 Net assets or fund balances at beginning of year (from line 73, column (A))	19			98,801,345	
20 Other changes in net assets or fund balances (attach explanation)	20			4,497,540	
21 Net assets or fund balances at end of year (combine lines 18, 19, and 20)	21			121,886,420	

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Part II Statement of Functional Expenses

All organizations must complete column (A). Columns (B), (C), and (D) are required for section 501(c)(3) and (4) organizations and section 4947(a)(1) nonexempt charitable trusts but optional for others. (See page 22 of the instructions.)

Do not include amounts reported on line 6b, 8b, 9b, 10b, or 16 of Part I.		(A) Total	(B) Program services	(C) Management and general	(D) Fundraising
22	Grants and allocations (attach schedule) (cash \$ <u>1,182,830</u> noncash \$ <u>0</u>)	1,182,830	1,182,830		
23	Specific assistance to individuals (attach schedule)	0	0		
24	Benefits paid to or for members (attach schedule)	0	0		
25	Compensation of officers, directors, etc.	751,937	0	751,937	0
26	Other salaries and wages	61,340,014	58,665,635	2,512,958	161,421
27	Pension plan contributions	5,685,845	5,353,442	316,654	15,749
28	Other employee benefits	7,778,546	7,325,571	431,034	21,941
29	Payroll taxes	4,568,967	4,301,858	254,454	12,655
30	Professional fundraising fees	53,513	0	0	53,513
31	Accounting fees	602,675	565,259	37,416	0
32	Legal fees	1,356,906	399,387	957,519	0
33	Supplies	1,690,601	1,516,867	140,742	32,992
34	Telephone	1,463,295	1,391,287	70,385	1,623
35	Postage and shipping	8,761,623	8,700,638	33,167	27,818
36	Occupancy	4,922,956	6,109,363	(1,199,207)	12,800
37	Equipment rental and maintenance	4,819,219	4,449,671	365,906	3,642
38	Printing and publications	28,581,264	28,528,591	37,058	15,615
39	Travel	6,808,736	5,687,775	1,116,764	4,197
40	Conferences, conventions, and meetings	68,599,055	68,540,740	58,200	115
41	Interest	160,674	160,674	0	0
42	Depreciation, depletion, etc. (attach schedule)	6,097,452	5,437,091	659,606	755
43	Other expenses not covered above (itemize). a Mktng	4,910,101	4,673,726	206,985	29,390
b	Member & Regional Activity	4,757,501	4,745,377	12,124	0
c	Commissions	14,417,630	14,417,630	0	0
d	Consultant Fees	5,153,563	5,048,663	104,900	0
e	Other-See Attached Schedule	5,540,228	4,706,292	815,359	18,577
44	Total functional expenses (add lines 22 through 43). Organizations completing columns (B)-(D), carry these totals to lines 13-15	250,005,131	241,908,367	7,683,961	412,803

Joint Costs. Check if you are following SOP 98-2.

Are any joint costs from a combined educational campaign and fundraising solicitation reported in (B) Program services? Yes No
 If "Yes," enter (i) the aggregate amount of these joint costs \$ _____; (ii) the amount allocated to Program services \$ _____; (iii) the amount allocated to Management and general \$ _____; and (iv) the amount allocated to Fundraising \$ _____

Part III Statement of Program Service Accomplishments (See page 25 of the instructions.)

What is the organization's primary exempt purpose? <input checked="" type="checkbox"/> Scientific and Educational	Program Service Expenses (Required for 501(c)(3) and (4) orgs. and 4947(a)(1) trusts; but optional for others.)
a "PUBLISHING ACTIVITIES" Publications include magazines and periodicals, books, newsletters, and electronic journals representing approximately 38% of the world's current literature in electrical engineering and computer science which are available to members and the general public. (Grants and allocations \$ _____)	112,967,006
b "CONVENTIONS, CONFERENCES, AND OTHER TECHNICAL ACTIVITIES" The activities of technical societies and their chapters include transnational meetings, conferences, symposia and technical publications which provide electrical engineers and computer scientists access to the most current technical information avail. in the world. (Grants and allocations \$ 1,182,830)	71,212,800
c "MEMBER RECORDS AND SERVICES" Activities include member communications and record maintenance, member development and marketing, student services, and other member support for more than 365,000 members around the world. (Grants and allocations \$ _____)	48,438,291
d "SERVICES FOR SUPPORT OF REGIONS, SECTIONS, AND BRANCHES" Support of IEEE's geographic units which number over 307 Sections and are divided geographically into 10 regions worldwide. These units bring members together in a local area for broad technical and professional interests. (Grants and allocations \$ _____)	6,895,333
e Other program services (attach schedule) (Grants and allocations \$ _____)	2,394,937
f Total of Program Service Expenses (should equal line 44, column (B), Program services)	241,908,367

Part IV Balance Sheets (See page 25 of the instructions.)

				(A)		(B)
				Beginning of year		End of year
Note: Where required, attached schedules and amounts within the description column should be for end-of-year amounts only.						
Assets	45 Cash—non-interest-bearing			439,669	45	3,944,354
	46 Savings and temporary cash investments			52,307,100	46	28,609,177
	47a Accounts receivable	47a	44,284,695			
	b Less: allowance for doubtful accounts	47b	1,385,300	39,244,674	47c	42,899,395
	48a Pledges receivable	48a	0			
	b Less: allowance for doubtful accounts	48b	0	0	48c	0
	49 Grants receivable			1,197,900	49	575,600
	50 Receivables from officers, directors, trustees, and key employees (attach schedule)			0	50	0
	51a Other notes and loans receivable (attach schedule)	51a	0			
	b Less: allowance for doubtful accounts	51b	0	0	51c	0
	52 Inventories for sale or use			1,062,400	52	592,500
	53 Prepaid expenses and deferred charges			16,954,600	53	20,380,100
	54 Investments—securities (attach schedule)			100,418,932	54	138,449,529
	55a Investments—land, buildings, and equipment: basis	55a	0			
	b Less: accumulated depreciation (attach schedule)	55b	0	0	55c	0
56 Investments—other (attach schedule)			0	56	0	
57a Land, buildings, and equipment: basis	57a	65,560,909				
b Less: accumulated depreciation (attach schedule)	57b	34,787,123	32,108,595	57c	30,773,786	
58 Other assets (describe ► Misc.)			(1,206)	58	(125,720)	
59 Total assets (add lines 45 through 58) (must equal line 74)			243,732,664	59	266,098,721	
Liabilities	60 Accounts payable and accrued expenses			18,874,930	60	20,482,403
	61 Grants payable			0	61	0
	62 Deferred revenue			96,271,400	62	102,127,900
	63 Loans from officers, directors, trustees, and key employees (attach schedule)			0	63	0
	64a Tax-exempt bond liabilities (attach schedule)			11,534,100	64a	10,623,800
	b Mortgages and other notes payable (attach schedule)			0	64b	0
	65 Other liabilities (describe ► See Attached Schedule)			18,250,889	65	10,978,198
66 Total liabilities (add lines 60 through 65)			144,931,319	66	144,212,301	
Net Assets or Fund Balances	Organizations that follow SFAS 117, check here ► <input checked="" type="checkbox"/> and complete lines 67 through 69 and lines 73 and 74.					
	67 Unrestricted			97,456,045	67	120,955,020
	68 Temporarily restricted			1,153,900	68	740,000
	69 Permanently restricted			191,400	69	191,400
	Organizations that do not follow SFAS 117, check here ► <input type="checkbox"/> and complete lines 70 through 74.					
	70 Capital stock, trust principal, or current funds				70	
	71 Paid-in or capital surplus, or land, building, and equipment fund				71	
	72 Retained earnings, endowment, accumulated income, or other funds				72	
73 Total net assets or fund balances (add lines 67 through 69 or lines 70 through 72; column (A) must equal line 19; column (B) must equal line 21)			98,801,345	73	121,886,420	
74 Total liabilities and net assets / fund balances (add lines 66 and 73)			243,732,664	74	266,098,721	

Form 990 is available for public inspection and, for some people, serves as the primary or sole source of information about a particular organization. How the public perceives an organization in such cases may be determined by the information presented on its return. Therefore, please make sure the return is complete and accurate and fully describes, in Part III, the organization's programs and accomplishments.

Part IV-A Reconciliation of Revenue per Audited Financial Statements with Revenue per Return (See page 27 of the instructions.)

a	Total revenue, gains, and other support per audited financial statements ▶	a	276,992,800
b	Amounts included on line a but not on line 12, Form 990:		
	(1) Net unrealized gains on investments \$ 4,497,540		
	(2) Donated services and use of facilities \$		
	(3) Recoveries of prior year grants \$		
	(4) Other (specify): See Attached Schedule \$ 3,902,595		
	Add amounts on lines (1) through (4) ▶	b	8,400,135
c	Line a minus line b ▶	c	268,592,665
d	Amounts included on line 12, Form 990 but not on line a :		
	(1) Investment expenses not included on line 6b, Form 990 \$		
	(2) Other (specify): See Attached Schedule \$ 1		
	Add amounts on lines (1) and (2) ▶	d	1
e	Total revenue per line 12, Form 990 (line c plus line d) ▶	e	268,592,666

Part IV-B Reconciliation of Expenses per Audited Financial Statements with Expenses per Return

a	Total expenses and losses per audited financial statements ▶	a	255,006,900
b	Amounts included on line a but not on line 17, Form 990:		
	(1) Donated services and use of facilities \$		
	(2) Prior year adjustments reported on line 20, Form 990 \$		
	(3) Losses reported on line 20, Form 990 \$		
	(4) Other (specify): See Attached Schedule \$ 5,001,920		
	Add amounts on lines (1) through (4) ▶	b	5,001,920
c	Line a minus line b ▶	c	250,004,980
d	Amounts included on line 17, Form 990 but not on line a :		
	(1) Investment expenses not included on line 6b, Form 990 \$		
	(2) Other (specify): See Attached Schedule \$ 151		
	Add amounts on lines (1) and (2) ▶	d	151
e	Total expenses per line 17, Form 990 (line c plus line d) ▶	e	250,005,131

Part V List of Officers, Directors, Trustees, and Key Employees (List each one even if not compensated; see page 27 of the instructions.)

(A) Name and address	(B) Title and average hours per week devoted to position	(C) Compensation (if not paid, enter -0-)	(D) Contributions to employee benefit plans & deferred compensation	(E) Expense account and other allowances
Daniel Senese c/o IEEE, 445 Hoes Lane, Piscataway, NJ 08854	Executive Director & Asst Sec.-40 hrs	445,205	61,672	0
Richard D. Schwartz c/o IEEE, 445 Hoes Lane, Piscataway, NJ 08854	Staff Executive & Asst Treas.-40 hrs	280,732	51,574	0
Arthur W. Winston c/o IEEE, 445 Hoes Lane, Piscataway, NJ 08854	President	0	0	69,607
Wilbert C. Anderson c/o IEEE, 445 Hoes Lane, Piscataway, NJ 08854	President-Elect	0	0	0
Michael S. Adler c/o IEEE, 445 Hoes Lane, Piscataway, NJ 08854	Past President	0	0	3,579
Mohamed El-Aref El-Hawary c/o IEEE, 445 Hoes Lane, Piscataway, NJ 08854	Secretary	0	0	0
Pedro Antonio Ray c/o IEEE, 445 Hoes Lane, Piscataway, NJ 08854	Treasurer	0	0	0
James M. Tien c/o IEEE, 445 Hoes Lane, Piscataway, NJ 08854	Vice President-Educational Activities	0	0	0
Michael R. Lightner c/o IEEE, 445 Hoes Lane, Piscataway, NJ 08854	Vice President-Publication Activities	0	0	0
Please see attached schedule for continuation of Part V listing				

75 Did any officer, director, trustee, or key employee receive aggregate compensation of more than \$100,000 from your organization and all related organizations, of which more than \$10,000 was provided by the related organizations? Yes No
If "Yes," attach schedule—see page 28 of the instructions.

Part VI Other Information (See page 28 of the instructions.)

		Yes	No
76	Did the organization engage in any activity not previously reported to the IRS? If "Yes," attach a detailed description of each activity.		X
77	Were any changes made in the organizing or governing documents but not reported to the IRS? If "Yes," attach a conformed copy of the changes.	X	
78a	Did the organization have unrelated business gross income of \$1,000 or more during the year covered by this return?	X	
78b	If "Yes," has it filed a tax return on Form 990-T for this year?	X	
79	Was there a liquidation, dissolution, termination, or substantial contraction during the year? If "Yes," attach a statement		X
80a	Is the organization related (other than by association with a statewide or nationwide organization) through common membership, governing bodies, trustees, officers, etc., to any other exempt or nonexempt organization?	X	
81a	If "Yes," enter the name of the organization IEEE Foundation, Inc.; IEEE Industry Standards and Technology Organization, Inc. (IEEE-ISTO) and check whether it is <input checked="" type="checkbox"/> exempt or <input type="checkbox"/> nonexempt.		
81a	Enter direct and indirect political expenditures. See line 81 instructions		
81b	Did the organization file Form 1120-POL for this year?		X
82a	Did the organization receive donated services or the use of materials, equipment, or facilities at no charge or at substantially less than fair rental value?		X
82b	If "Yes," you may indicate the value of these items here. Do not include this amount as revenue in Part I or as an expense in Part II. (See instructions in Part III.)		
83a	Did the organization comply with the public inspection requirements for returns and exemption applications?	X	
83b	Did the organization comply with the disclosure requirements relating to quid pro quo contributions?	X	
84a	Did the organization solicit any contributions or gifts that were not tax deductible?		X
84b	If "Yes," did the organization include with every solicitation an express statement that such contributions or gifts were not tax deductible?		
85a	501(c)(4), (5), or (6) organizations. a Were substantially all dues nondeductible by members?		
85b	Did the organization make only in-house lobbying expenditures of \$2,000 or less? If "Yes" was answered to either 85a or 85b, do not complete 85c through 85h below unless the organization received a waiver for proxy tax owed for the prior year.		
85c	Dues, assessments, and similar amounts from members.		
85d	Section 162(e) lobbying and political expenditures		
85e	Aggregate nondeductible amount of section 6033(e)(1)(A) dues notices.		
85f	Taxable amount of lobbying and political expenditures (line 85d less 85e)		
85g	Does the organization elect to pay the section 6033(e) tax on the amount on line 85f?		
85h	If section 6033(e)(1)(A) dues notices were sent, does the organization agree to add the amount on line 85f to its reasonable estimate of dues allocable to nondeductible lobbying and political expenditures for the following tax year?		
86a	501(c)(7) orgs. Enter: a Initiation fees and capital contributions included on line 12		
86b	Gross receipts, included on line 12, for public use of club facilities		
87a	501(c)(12) orgs. Enter: a Gross income from members or shareholders		
87b	Gross income from other sources. (Do not net amounts due or paid to other sources against amounts due or received from them.)		
88	At any time during the year, did the organization own a 50% or greater interest in a taxable corporation or partnership, or an entity disregarded as separate from the organization under Regulations sections 301.7701-2 and 301.7701-3? If "Yes," complete Part IX.	X	
89a	501(c)(3) organizations. Enter: Amount of tax imposed on the organization during the year under: section 4911 <u>0</u> ; section 4912 <u>0</u> ; section 4955 <u>0</u>		
89b	501(c)(3) and 501(c)(4) orgs. Did the organization engage in any section 4958 excess benefit transaction during the year or did it become aware of an excess benefit transaction from a prior year? If "Yes," attach a statement explaining each transaction		X
89c	Enter: Amount of tax imposed on the organization managers or disqualified persons during the year under sections 4912, 4955, and 4958		
89d	Enter: Amount of tax on line 89c, above, reimbursed by the organization		
90a	List the states with which a copy of this return is filed <u>See attached list of states that we file Form 990</u>		
90b	Number of employees employed in the pay period that includes March 12, 2004 (See instructions.)		912
91	The books are in care of <u>IEEE Controllers Department</u> Telephone no. <u>(732) 562-5375</u> Located at <u>445 Hoes Lane, Piscataway, NJ</u> ZIP + 4 <u>08854-1331</u>		
92	Section 4947(a)(1) nonexempt charitable trusts filing Form 990 in lieu of Form 1041—Check here <input type="checkbox"/> and enter the amount of tax-exempt interest received or accrued during the tax year <u>92</u>		

Part VII Analysis of Income-Producing Activities (See page 33 of the instructions.)

Note: Enter gross amounts unless otherwise indicated.

	Unrelated business income		Excluded by section 512, 513, or 514		(E) Related or exempt function income
	(A) Business code	(B) Amount	(C) Exclusion code	(D) Amount	
93 Program service revenue:					
a Spectrum Magazine	541800	5,375,734	15	559,469	6,626,715
b Publishing Activities	541800	3,443,882	15	90,425	101,264,836
c Conferences & Other Technical Activity					77,819,630
d Educational & Standards Activities			15	18	13,184,871
e Other Program Service Revenue	541800	94,164	15	3,905,434	2,640,675
f Medicare/Medicaid payments					
g Fees and contracts from government agencies					
94 Membership dues and assessments					42,152,468
95 Interest on savings and temporary cash investments			14	1,848,666	
96 Dividends and interest from securities			14	1,198,238	
97 Net rental income or (loss) from real estate:					
a debt-financed property					
b not debt-financed property	532000	61,596			
98 Net rental income or (loss) from personal property					
99 Other investment income					
100 Gain or (loss) from sales of assets other than inventory			18	5,321,544	
101 Net income or (loss) from special events					
102 Gross profit or (loss) from sales of inventory					
103 Other revenue: a					
b Acctng, Tax, Payroll & Employee Svcs					
c for IEEE-ISTO	541200	1,029,723			
d Interest Income-IEEE-ISTO Loan			14	32,411	
e CS Software Eng. Cert. Program Rev.	541900	122,910			
104 Subtotal (add columns (B), (D), and (E)).		10,128,009		12,956,205	243,689,195
105 Total (add line 104, columns (B), (D), and (E)).					266,773,409

Note: Line 105 plus line 1d, Part I, should equal the amount on line 12, Part I.

Part VIII Relationship of Activities to the Accomplishment of Exempt Purposes (See page 34 of the instructions.)

Line No.	Explain how each activity for which income is reported in column (E) of Part VII contributed importantly to the accomplishment of the organization's exempt purposes (other than by providing funds for such purposes).
▼	See Attached Supporting Schedule

Part IX Information Regarding Taxable Subsidiaries and Disregarded Entities (See page 34 of the instructions.)

(A) Name, address, and EIN of corporation, partnership, or disregarded entity	(B) Percentage of ownership interest	(C) Nature of activities	(D) Total income	(E) End-of-year assets
IEEE Broadcast Technology Convention, LLC	100.00 %	Partner of UK Partnership	399,958	499
Disregarded entity (EIN same as IEEE, Inc.)	%	involved in IEEE tax		
	%	exempt activities		
	%			

Part X Information Regarding Transfers Associated with Personal Benefit Contracts (See page 34 of the instructions.)

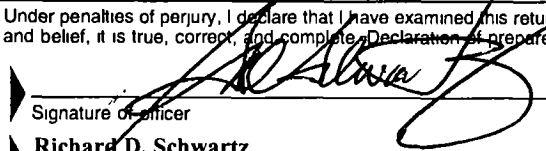
(a) Did the organization, during the year, receive any funds, directly or indirectly, to pay premiums on a personal benefit contract? Yes No

(b) Did the organization, during the year, pay premiums, directly or indirectly, on a personal benefit contract? Yes No

Note: If "Yes" to (b), file Form 8870 and Form 4720 (see instructions).

Under penalties of perjury, I declare that I have examined this return, and believe, it is true, correct, and complete. Declaration of preparer (other than the taxpayer) is based on all information of which preparer has any knowledge.

Please Sign Here

Signature of officer: 

Richard D. Schwartz
Type of print name and title

Paid Preparer's Use Only

Preparer's signature: _____

Firm's name (or yours if self-employed), address, and ZIP + 4: _____

SCHEDULE A
(Form 990 or 990-EZ)

Organization Exempt Under Section 501(c)(3)

(Except Private Foundation and Section 501(e), 501(f), 501(k),
501(n), or Section 4947(a)(1) Nonexempt Charitable Trust

Supplementary Information—(See separate instructions.)

OMB No 1545-0047

2004

Department of the Treasury
Internal Revenue Service

▶ **MUST be completed by the above organizations and attached to their Form 990 or 990-EZ**

Name of the organization Institute of Electrical and Electronics Engineers, Inc. (IEEE)	Employer identification number 13-1656633
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Part I Compensation of the Five Highest Paid Employees Other Than Officers, Directors, and Trustees
(See page 1 of the instructions. List each one. If there are none, enter "None")

(a) Name and address of each employee paid more than \$50,000	(b) Title and average hours per week devoted to position	(c) Compensation	(d) Contributions to employee benefit plans & deferred compensation	(e) Expense account and other allowances
Anthony Durniak c/o IEEE, 445 Hoes Lane, Piscataway, NJ 08854	Staff Exec.-Publications 40 Hrs/Wk	278,152	50,829	0
Francis Staples IEEE, 445 Hoes Lane, Piscataway, NJ 08854	Director- Sales&Cust Acct 40 Hrs/Wk	257,655	26,309	0
Jonathan Dahl IEEE, 445 Hoes Lane, Piscataway, NJ 08854	Staff Dir.-Mktg & Sales 40 Hrs/Wk	257,267	30,979	0
David Hennage IEEE, 445 Hoes Lane, Piscataway, NJ 08854	Exec. Dir-Computer 40 Hrs/Wk	250,420	34,146	0
Mary Ward-Callan IEEE, 445 Hoes Lane, Piscataway, NJ 08854	Mgng Dir.-Tech. Activitie 40 Hrs/Wk	248,401	33,465	0
Total number of other employees paid over \$50,000 ▶	546			

Part II Compensation of the Five Highest Paid Independent Contractors for Professional Services
(See page 2 of the instructions. List each one (whether individuals or firms). If there are none, enter "None.")

(a) Name and address of each independent contractor paid more than \$50,000	(b) Type of service	(c) Compensation
Dorsey & Whitney P.O. Box 1680, Minneapolis, MN 55480-1680	Legal Services	1,303,349
KCSA Public Relations Worldwide 800 Second Avenue, 5th Floor, New York, NY 10017	Public Relations Services	598,301
SPI Publisher Services, LLC 11147 Air Park Road-Suite 4, Ashland, VA 23005	Graphic Consultants	382,989
Dawn Becker Associates 158 Fieldstone Drive, Morganville, NJ 07751	Advertising Sales Commissions	344,507
SunGard Availability Services LP P.O. Box 91233, Chicago, IL 60693	Consulting Services	298,607
Total number of others receiving over \$50,000 for professional services ▶	16	

Part III Statements About Activities (See page 2 of the instructions.)		Yes	No
1	During the year, has the organization attempted to influence national, state, or local legislation, including any attempt to influence public opinion on a legislative matter or referendum? If "Yes," enter the total expenses paid or incurred in connection with the lobbying activities ▶ \$ <u>154,513</u> (Must equal amounts on line 38, Part VI-A, or line i of Part VI-B.) Organizations that made an election under section 501(h) by filing Form 5768 must complete Part VI-A. Other organizations checking "Yes" must complete Part VI-B AND attach a statement giving a detailed description of the lobbying activities.	X	
2	During the year, has the organization, either directly or indirectly, engaged in any of the following acts with any substantial contributors, trustees, directors, officers, creators, key employees, or members of their families, or with any taxable organization with which any such person is affiliated as an officer, director, trustee, majority owner, or principal beneficiary? (If the answer to any question is "Yes," attach a detailed statement explaining the transactions.)		
a	Sale, exchange, or leasing of property?		X
b	Lending of money or other extension of credit?		X
c	Furnishing of goods, services, or facilities?		X
d	Payment of compensation (or payment or reimbursement of expenses if more than \$1,000)?	X	
e	Transfer of any part of its income or assets?		X
3a	Do you make grants for scholarships, fellowships, student loans, etc.? (If "Yes," attach an explanation of how you determine that recipients qualify to receive payments.)	X	
b	Do you have a section 403(b) annuity plan for your employees?		X
4a	Did you maintain any separate account for participating donors where donors have the right to provide advice on the use or distribution of funds?		X
b	Do you provide credit counseling, debt management, credit repair, or debt negotiation services?		X

Part IV Reason for Non-Private Foundation Status (See pages 3 through 6 of the instructions.)

- The organization is not a private foundation because it is: (Please check only **ONE** applicable box.)
- 5 A church, convention of churches, or association of churches. Section 170(b)(1)(A)(i).
 - 6 A school. Section 170(b)(1)(A)(ii). (Also complete Part V.)
 - 7 A hospital or a cooperative hospital service organization. Section 170(b)(1)(A)(iii).
 - 8 A Federal, state, or local government or governmental unit. Section 170(b)(1)(A)(v).
 - 9 A medical research organization operated in conjunction with a hospital. Section 170(b)(1)(A)(iii). Enter the hospital's name, city, and state ▶
 - 10 An organization operated for the benefit of a college or university owned or operated by a governmental unit. Section 170(b)(1)(A)(iv). (Also complete the **Support Schedule** in Part IV-A.)
 - 11a An organization that normally receives a substantial part of its support from a governmental unit or from the general public. Section 170(b)(1)(A)(vi). (Also complete the **Support Schedule** in Part IV-A.)
 - 11b A community trust. Section 170(b)(1)(A)(vi). (Also complete the **Support Schedule** in Part IV-A.)
 - 12 An organization that normally receives: (1) more than 33 1/3% of its support from contributions, membership fees, and gross receipts from activities related to its charitable, etc., functions—subject to certain exceptions, and (2) no more than 33 1/3% of its support from gross investment income and unrelated business taxable income (less section 511 tax) from businesses acquired by the organization after June 30, 1975. See section 509(a)(2). (Also complete the **Support Schedule** in Part IV-A.)
 - 13 An organization that is not controlled by any disqualified persons (other than foundation managers) and supports organizations described in: (1) lines 5 through 12 above; or (2) section 501(c)(4), (5), or (6), if they meet the test of section 509(a)(2). (See section 509(a)(3).)

Provide the following information about the supported organizations. (See page 5 of the instructions.)

(a) Name(s) of supported organization(s)	(b) Line number from above

- 14 An organization organized and operated to test for public safety. Section 509(a)(4) (See page 5 of the instructions.)

Part IV-A Support Schedule (Complete only if you checked a box on line 10, 11, or 12.) *Use cash method of accounting.*

Note: You may use the worksheet in the instructions for converting from the accrual to the cash method of accounting.

Calendar year (or fiscal year beginning in) ▶	(a) 2003	(b) 2002	(c) 2001	(d) 2000	(e) Total
15 Gifts, grants, and contributions received. (Do not include unusual grants. See line 28.)	1,948,614	1,464,977	2,454,125	2,588,876	8,456,592
16 Membership fees received	42,420,731	21,518,265	42,953,613	31,193,710	138,086,319
17 Gross receipts from admissions, merchandise sold or services performed, or furnishing of facilities in any activity that is related to the organization's charitable, etc., purpose	173,050,713	186,044,489	163,929,958	142,986,321	666,011,481
18 Gross income from interest, dividends, amounts received from payments on securities loans (section 512(a)(5)), rents, royalties, and unrelated business taxable income (less section 511 taxes) from businesses acquired by the organization after June 30, 1975	6,950,751	7,387,648	9,967,240	9,889,892	34,195,531
19 Net income from unrelated business activities not included in line 18					0
20 Tax revenues levied for the organization's benefit and either paid to it or expended on its behalf					0
21 The value of services or facilities furnished to the organization by a governmental unit without charge. Do not include the value of services or facilities generally furnished to the public without charge					0
22 Other income. Attach a schedule. Do not include gain or (loss) from sale of capital assets					0
23 Total of lines 15 through 22	224,370,809	216,415,379	219,304,936	186,658,799	846,749,923
24 Line 23 minus line 17	51,320,096	30,370,890	55,374,978	43,672,478	180,738,442
25 Enter 1% of line 23	2,243,708	2,164,154	2,193,049	1,866,588	

26 Organizations described on lines 10 or 11: a Enter 2% of amount in column (e), line 24 ▶	26a	
b Prepare a list for your records to show the name of and amount contributed by each person (other than a governmental unit or publicly supported organization) whose total gifts for 2000 through 2003 exceeded the amount shown in line 26a. Do not file this list with your return. Enter the total of all these excess amounts ▶	26b	
c Total support for section 509(a)(1) test: Enter line 24, column (e) ▶	26c	
d Add: Amounts from column (e) for lines: 18 _____ 19 _____ 22 _____ 26b _____ ▶	26d	
e Public support (line 26c minus line 26d total) ▶	26e	
f Public support percentage (line 26e (numerator) divided by line 26c (denominator)) ▶	26f	%

27 Organizations described on line 12: a For amounts included in lines 15, 16, and 17 that were received from a "disqualified person," prepare a list for your records to show the name of, and total amounts received in each year from, each "disqualified person." **Do not file this list with your return.** Enter the sum of such amounts for each year:

(2003) _____ (2002) _____ (2001) _____ (2000) _____

b For any amount included in line 17 that was received from each person (other than "disqualified persons"), prepare a list for your records to show the name of, and amount received for each year, that was more than the **larger** of (1) the amount on line 25 for the year or (2) \$5,000. (Include in the list organizations described in lines 5 through 11, as well as individuals.) **Do not file this list with your return.** After computing the difference between the amount received and the larger amount described in (1) or (2), enter the sum of these differences (the excess amounts) for each year:

(2003) _____ (2002) _____ (2001) _____ (2000) _____

c Add: Amounts from column (e) for lines: 15 <u>8,456,592</u> 16 <u>138,086,319</u> 17 <u>666,011,481</u> 20 <u>0</u> 21 <u>0</u> ▶	27c	812,554,392
d Add: Line 27a total <u>0</u> and line 27b total <u>0</u> ▶	27d	0
e Public support (line 27c total minus line 27d total) ▶	27e	812,554,392
f Total support for section 509(a)(2) test: Enter amount from line 23, column (e) ▶	27f	846,749,923
g Public support percentage (line 27e (numerator) divided by line 27f (denominator)) ▶	27g	95.96 %
h Investment Income percentage (line 18, column (e) (numerator) divided by line 27f (denominator)) ▶	27h	4.04 %

28 Unusual Grants: For an organization described in line 10, 11, or 12 that received any unusual grants during 2000 through 2003, prepare a list for your records to show, for each year, the name of the contributor, the date and amount of the grant, and a brief description of the nature of the grant. **Do not file this list with your return.** Do not include these grants in line 15.

Part V Private School Questionnaire (See page 7 of the instructions.)

(To be completed ONLY by schools that checked the box on line 6 in Part IV)

		Yes	No
29	Does the organization have a racially nondiscriminatory policy toward students by statement in its charter, bylaws, other governing instrument, or in a resolution of its governing body?		
30	Does the organization include a statement of its racially nondiscriminatory policy toward students in all its brochures, catalogues, and other written communications with the public dealing with student admissions, programs, and scholarships?		
31	Has the organization publicized its racially nondiscriminatory policy through newspaper or broadcast media during the period of solicitation for students, or during the registration period if it has no solicitation program, in a way that makes the policy known to all parts of the general community it serves? If "Yes," please describe; if "No," please explain. (If you need more space, attach a separate statement.)		
32	Does the organization maintain the following:		
a	Records indicating the racial composition of the student body, faculty, and administrative staff?		
b	Records documenting that scholarships and other financial assistance are awarded on a racially nondiscriminatory basis?		
c	Copies of all catalogues, brochures, announcements, and other written communications to the public dealing with student admissions, programs, and scholarships?		
d	Copies of all material used by the organization or on its behalf to solicit contributions?		
	If you answered "No" to any of the above, please explain. (If you need more space, attach a separate statement.)		
33	Does the organization discriminate by race in any way with respect to:		
a	Students' rights or privileges?		
b	Admissions policies?		
c	Employment of faculty or administrative staff?		
d	Scholarships or other financial assistance?		
e	Educational policies?		
f	Use of facilities?		
g	Athletic programs?		
h	Other extracurricular activities?		
	If you answered "Yes" to any of the above, please explain. (If you need more space, attach a separate statement.)		
34a	Does the organization receive any financial aid or assistance from a governmental agency?		
b	Has the organization's right to such aid ever been revoked or suspended? If you answered "Yes" to either 34a or b, please explain using an attached statement.		
35	Does the organization certify that it has complied with the applicable requirements of sections 4.01 through 4.05 of Rev. Proc. 75-50, 1975-2 C.B. 587, covering racial nondiscrimination? If "No," attach an explanation		

Part VI-A Lobbying Expenditures by Electing Public Charities (See page 9 of the instructions.)
 (To be completed **ONLY** by an eligible organization that filed Form 5768)

Check a if the organization belongs to an affiliated group Check b if you checked "a" and "limited control" provisions apply.

Limits on Lobbying Expenditures		(a) Affiliated group totals	(b) To be completed for ALL electing organizations
(The term "expenditures" means amounts paid or incurred.)			
36	Total lobbying expenditures to influence public opinion (grassroots lobbying)	36	0
37	Total lobbying expenditures to influence a legislative body (direct lobbying)	37	154,513
38	Total lobbying expenditures (add lines 36 and 37)	38	154,513
39	Other exempt purpose expenditures	39	241,753,854
40	Total exempt purpose expenditures (add lines 38 and 39)	40	241,908,367
41	Lobbying nontaxable amount. Enter the amount from the following table — If the amount on line 40 is — The lobbying nontaxable amount is— Not over \$500,000 20% of the amount on line 40 Over \$500,000 but not over \$1,000,000 . . . \$100,000 plus 15% of the excess over \$500,000 Over \$1,000,000 but not over \$1,500,000 . . \$175,000 plus 10% of the excess over \$1,000,000 Over \$1,500,000 but not over \$17,000,000 . \$225,000 plus 5% of the excess over \$1,500,000 Over \$17,000,000 \$1,000,000	41	0
42	Grassroots nontaxable amount (enter 25% of line 41)	42	250,000
43	Subtract line 42 from line 36. Enter -0- if line 42 is more than line 36	43	0
44	Subtract line 41 from line 38. Enter -0- if line 41 is more than line 38	44	0

Caution: If there is an amount on either line 43 or line 44, you must file Form 4720.

4-Year Averaging Period Under Section 501(h)

(Some organizations that made a section 501(h) election do not have to complete all of the five columns below.
 See the instructions for lines 45 through 50 on page 11 of the instructions.)

Calendar year (or fiscal year beginning in) ▶	Lobbying Expenditures During 4-Year Averaging Period				
	(a) 2004	(b) 2003	(c) 2002	(d) 2001	(e) Total
45 Lobbying nontaxable amount	1,000,000	1,000,000	1,000,000	1,000,000	4,000,000
46 Lobbying ceiling amount (150% of line 45(e))					6,000,000
47 Total lobbying expenditures	154,513	221,762	215,490	166,424	758,189
48 Grassroots nontaxable amount	250,000	250,000	250,000	250,000	1,000,000
49 Grassroots ceiling amount (150% of line 48(e))					1,500,000
50 Grassroots lobbying expenditures	0	229	2,834	1,138	4,201

Part VI-B Lobbying Activity by Nonelecting Public Charities

(For reporting only by organizations that did not complete Part VI-A) (See page 11 of the instructions.)

During the year, did the organization attempt to influence national, state or local legislation, including any attempt to influence public opinion on a legislative matter or referendum, through the use of:	Yes	No	Amount
a Volunteers			
b Paid staff or management (Include compensation in expenses reported on lines c through h.)			
c Media advertisements			
d Mailings to members, legislators, or the public			
e Publications, or published or broadcast statements			
f Grants to other organizations for lobbying purposes			
g Direct contact with legislators, their staffs, government officials, or a legislative body			
h Rallies, demonstrations, seminars, conventions, speeches, lectures, or any other means			
i Total lobbying expenditures (Add lines c through h.)			0

If "Yes" to any of the above, also attach a statement giving a detailed description of the lobbying activities.

Part VII Information Regarding Transfers To and Transactions and Relationships With Noncharitable Exempt Organizations (See page 11 of the instructions.)

51 Did the reporting organization directly or indirectly engage in any of the following with any other organization described in section 501(c) of the Code (other than section 501(c)(3) organizations) or in section 527, relating to political organizations?

	Yes	No
a Transfers from the reporting organization to a noncharitable exempt organization of:		
(i) Cash		X
(ii) Other assets		X
b Other transactions:		
(i) Sales or exchanges of assets with a noncharitable exempt organization		X
(ii) Purchases of assets from a noncharitable exempt organization		X
(iii) Rental of facilities, equipment, or other assets		X
(iv) Reimbursement arrangements		X
(v) Loans or loan guarantees	X	
(vi) Performance of services or membership or fundraising solicitations	X	
c Sharing of facilities, equipment, mailing lists, other assets, or paid employees	X	

d If the answer to any of the above is "Yes," complete the following schedule. Column (b) should always show the fair market value of the goods, other assets, or services given by the reporting organization. If the organization received less than fair market value in any transaction or sharing arrangement, show in column (d) the value of the goods, other assets, or services received.

(a) Line no	(b) Amount involved	(c) Name of noncharitable exempt organization	(d) Description of transfers, transactions, and sharing arrangements
51b(v)	1,105,418	IEEE Industry Standards and Technology Organization, Inc. (IEEE-ISTO)	In lieu of reimbursement arrangements, IEEE, Inc. has provided the IEEE-ISTO a flexible loan arrangement for all of IEEE-ISTO's 2004 expenses which were paid by IEEE and charged to IEEE-ISTO. A listing of those expenses can be found on the 2004 Form 990 for IEEE-ISTO and the attached support schedule.
51b(vi)	(1)	IEEE Industry Standards and Technology Organization, Inc. (IEEE-ISTO)	The performance of services and sharing of facilities, equipment, mailing lists, other assets or paid employees are included in the expense amounts noted in Line 51b(v) above.
51c	(1)	-Amounts included under Line 51b(v) support attached.	

52a Is the organization directly or indirectly affiliated with, or related to, one or more tax-exempt organizations described in section 501(c) of the Code (other than section 501(c)(3)) or in section 527? **Yes** **No**

b If "Yes," complete the following schedule:

(a) Name of organization	(b) Type of organization	(c) Description of relationship
IEEE Industry Standards and Technology Organization, Inc. (IEEE-ISTO)	Section 501(c)(6) Org.	Auxiliary of Reporting Organization

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Part I, Line 8d, Gain/(Loss) on Sales of Securities

Column (A) Securities

	<u>Line 8a</u> Gross Amount From Sales	<u>Line 8b</u> Less: Cost or Other Basis	<u>Line 8c</u> Gain or (Loss)
<u>Publicly traded securities</u>			
Fixed income securities	\$32,949,322	\$32,938,746	\$10,576
Equity securities	\$176,193,329	\$170,882,361	\$5,310,968
Total	\$209,142,651	\$203,821,107	\$5,321,544

Part I, Line 20, Other Changes in Fund Balances

Unrealized Gains on Investments \$4,497,540

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Part II, Line 22 - Grants and Allocations

Grantee and Address	Amount	Grant/Award Description	Relationship
IEEE FOUNDATION, INC.	\$23,000	2004 Annual Funding from Sponsoring Societies	Related Party
445 Hoes Lane	\$11,700	2004 Annual Funding from Sponsoring Societies	Related Party
Piscataway, NJ 08854	\$1,300	2004 Annual Funding from Sponsoring Societies	Related Party
	\$20,000	2004 Annual Funding from Sponsoring Societies	Related Party
	\$1,300	2004 Annual Funding from Sponsoring Societies	Related Party
	\$20,000	2004 Annual Funding from Sponsoring Societies	Related Party
	\$2,470	2004 Annual Funding from Sponsoring Societies	Related Party
	\$20,000	2004 Annual Funding from Sponsoring Societies	Related Party
	\$11,900	2004 Annual Funding from Sponsoring Societies	Related Party
	\$4,420	2004 Annual Funding from Sponsoring Societies	Related Party
	\$1,300	2004 Annual Funding from Sponsoring Societies	Related Party
	\$4,940	2004 Annual Funding from Sponsoring Societies	Related Party
	\$1,170	2004 Annual Funding from Sponsoring Societies	Related Party
	\$18,000	2004 Annual Funding from Sponsoring Societies	Related Party
	\$5,000	2004 Donation to Friends of the History Center Fund	Related Party
	\$11,000	2004 Charles P. Steinmetz Award	Related Party
TOTAL IEEE FOUNDATION GRANTS	\$157,500		
IEEE SECTIONS AND CHAPTERS			Related Party
445 Hoes Lane			
Piscataway, NJ 08854			
IEEE Phoenix	\$350	Chapter Support for Waves and Devices Chapter	Related Party
IEEE Shanghai BT Chapter (Zhixiang Xu)	\$165	IEEE Broadcast Technology Society Funding	Related Party
IEEE AP/ED Bombay Chapter	\$500	2004 APS Annual Chapter Funding	Related Party
IEEE AP/EMC/MTT/NPS -Albuquerque	\$500	2004 AP Society Chapter Support	Related Party
IEEE APS Nanjing Chapter	\$500	"Special Projects" for West Ukraine Chapter	Related Party
IEEE Calcutta Section AP/MTT Chapter	\$500	AP Society Chapter funding	Related Party
IEEE MTT/AP/EMC Singapore Chapter	\$1,000	2003 Chapter of the Year Award	Related Party
IEEE MTT/AP/LEO Hong Kong Chapter	\$350	Chapter Support from AP Society	Related Party
IEEE MTT/ED AP Lithuania Chapter	\$515	Chapter Funding	Related Party
IEEE Phoenix Section Waves & Dev Chapter	\$950	APS 2004 Annual Chapter Support	Related Party
IEEE West Ukraine Chapter (A. Ivanovych)	\$1,030	2004 IEEE AP-S Chapter Support	Related Party
Winnipeg Waves IEEE	\$500	APS Annual Chapter Support	Related Party
IEEE Dallas	\$100	Reliability Society Chapter Support	Related Party
IEEE Reliability Cleveland Chapter	\$100	2003 Reliability Society Chapter Award	Related Party
IEEE Reliability Japan Chapter	\$100	2003 Reliability Society Chapter Award	Related Party
IEEE Reliability Society Ottawa Chapter	\$100	Reliability Society Chapter Award 2003	Related Party
IEEE Cent & So Italy Chapt -Reliability (E Zio)	\$249	Reliability Society Chapter Awards 2003	Related Party

Part II, Line 22 - Grants and Allocations

Grantee and Address	Amount	Grant/Award Description	Relationship
IEEE AESS Beijing	\$150	Chapter Funding	Related Party
IEEE AESS Canaveral	\$50	Chapter Funding	Related Party
IEEE AESS Central	\$300	Chapter Funding	Related Party
IEEE AESS Galveston	\$300	Chapter Funding	Related Party
IEEE AESS India Chapter	\$400	Chapter Funding	Related Party
IEEE AESS St. Louis	\$400	Chapter Funding	Related Party
IEEE MTT/AP/AES Poland Chapter	\$300	Chapter Funding	Related Party
IEEE Wichita Section	\$100	Chapter Funding	Related Party
IEEE Turkey Section	\$240	Computational Intelligence Chapter Subsidy	Related Party
EMS Chapter of IEEE Delhi	\$1,015	Chapter funding	Related Party
IEEE Austria Section	\$300	For Engineering Management Chapter- Activity Grant	Related Party
IEEE Washington Section	\$100	Society funding for Washington EMS Chapter	Related Party
IEEE Russia (Siberia) Section (G Alexandre)	\$515	2004 EDS Chapter Subsidy for the MTT/ED/CPMT/COM/SSC Novosibirsk Chapter	Related Party
Ceskoslovenska Sekce IEEE	\$515	2004 EDS Chapter Subsidy for the MTT/AP/ED Czechoslovakia Chapter	Related Party
IEEE AP/ED Bombay Chapter	\$500	2004 EDS Chapter Subsidy	Related Party
IEEE AP/ED/MTT/COM	\$515	EDS Chapter Subsidy for the Hungary Chapter	Related Party
IEEE AP/ED/MTT/CPMT	\$500	EDS Chapter Subsidy for the Eastern North Carolina Chapter	Related Party
IEEE AP/ED/MTT/SSC San Diego Chapter	\$500	2004 EDS Chapter Subsidy for the San Diego Chapter	Related Party
IEEE AP/ED/MTT/UFFC	\$500	2004 EDS Chapter Subsidy for Phoenix Chapter	Related Party
IEEE Australian	\$500	2004 EDS Chapter Subsidy for Australia Chapter	Related Party
IEEE Bulgaria Section	\$515	2004 EDS Chapter Subsidy for the Bulagaria Chapter	Related Party
IEEE CAS/ED/CPMT/LEO	\$500	2004 EDS Chapter Subsidy for the Toronto Chapter	Related Party
IEEE Calcutta Section	\$1,000	2004 EDS Chapter Subsidy for the ED Calcutta Chapter	Related Party
IEEE ED Beijing Chapter	\$1,000	2004 EDS Chapter Subsidy for the ED Beijing Chapter	Related Party
IEEE ED Boise Chapter	\$1,000	2004 EDS Chapter Subsidy for the ED Boise Chapter	Related Party
IEEE ED Cinvestav- IP	\$1,000	EDS Chapter Subsidy for the Mexico Student Branch Chapter	Related Party

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Part II, Line 22 - Grants and Allocations

Grantee and Address	Amount	Grant/Award Description	Relationship
IEEE ED Hong Kong Chapter	\$500	2004 EDS Chapter Subsidy	Related Party
IEEE ED Israel Chapter	\$800	2004 EDS Chapter Subsidy	Related Party
IEEE ED Korea Chapter	\$1,015	2004 EDS Chapter Subsidy	Related Party
IEEE ED Mexico Chapter	\$1,000	2004 EDS Chapter Subsidy for ED Mexico Chapter	Related Party
IEEE ED Mid- Hudson Chapter	\$850	2004 EDS Chapter Subsidy	Related Party
IEEE ED Spain Chapter	\$1,015	2004 Chapter Subsidy for Spanish Chapter	Related Party
IEEE ED University of Illinois	\$400	2004 EDS Chapter Subsidy for the Student Branch Chapter	Related Party
IEEE ED/CAS University Cathlique of Louvain Benelx	\$515	2004 EDS Chapter Subsidy	Related Party
IEEE ED/LEO South Africa	\$515	2004 EDS Chapter Subsidy	Related Party
IEEE ED/LEO of San Diego	\$500	2004 EDS Chapter Subsidy for the University of California San Diego student branch	Related Party
IEEE ED/MTT India Chapter	\$500	2004 EDS Chapter Subsidy	Related Party
IEEE ED/MTT Orange County Chapter	\$500	2004 EDS Chapter Subsidy	Related Party
IEEE ED/MTT Oregon Chapter	\$450	2004 EDS Chapter Subsidy	Related Party
IEEE ED/SSC Bangalor	\$500	2004 EDS Chapter Subsidy	Related Party
IEEE ED/SSC Seoul Chapter	\$500	2004 EDS Chapter Subsidy	Related Party
IEEE ED/SSC/CAS Chicago Chapter	\$419	2004 EDS Chapter Subsidy for Chicago Chapter	Related Party
IEEE EDS Japan Chapter	\$2,015	2004 EDS Chapter for Japan Chapter	Related Party
IEEE EDS Kansai Chapter	\$1,015	2004 EDS Chapter Subsidy	Related Party
IEEE Hong Kong Section	\$500	2004 EDS Chapter Subsidy	Related Party
IEEE Kitchener Waterloo Chapter	\$500	2004 Chapter Subsidy for the ED/SSC Kitchener Waterloo Chapter	Related Party
IEEE LEOS/EDS	\$515	2004 EDS Chapter Subsidy for the ED/LED South Africa Chapter	Related Party
IEEE MTT/ED/AP Lithuania	\$515	2004 EDS Chapter Subsidy	Related Party
IEEE MTT/ED Saratov	\$415	2004 EDS Chapter Subsidy	Related Party
IEEE MTT/ED/AP	\$515	2004 EDS Chapter Subsidy for MTT/ED Minsk, Belarus	Related Party
IEEE North Jersey	\$500	2004 EDS Chapter Subsidy for the CAS/ ED North Jersey Chapter	Related Party

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Part II, Line 22 - Grants and Allocations

Grantee and Address	Amount	Grant/Award Description	Relationship
IEEE Orlando Section	\$500	2004 EDS Chapter Subsidy for the ED/CPMT Orlando Chapter	Related Party
IEEE Taipei Section	\$1,015	2004 EDS Chapter Subsidy	Related Party
IEEE Turkey Section	\$515	2004 EDS Chapter Subsidy for AP/MTT/ED/EMC Turkey Chapter	Related Party
IEEE West Ukraine Chapter (A. Ivanovych)	\$515	2004 EDS Chapter Subsidy for the MTT/ED/AP/CPMT/SSC West Ukraine Chapter	Related Party
IEEE Russia EDS Student Branch (Vladimir Kolchuzhin)	\$1,015	EDS Chapter Subsidy for the Ed Novosibirsk, Russia State Technical Univ. student branch	Related Party
IEEE Sweden ED Chapter (Kungl Tekniska Hogsk)	\$1,015	2004 EDS Chapter Subsidy for the ED Sweden Chapter	Related Party
IEEE Romania ED Chapter (Marcel Profirescu)	\$515	Chapter Subsidy	Related Party
IEEE St Petersburg (Russia) AP/ED/MTT Chapter (Margaria Sitnikova)	\$715	2004 EDS Chapter Subsidy for the ED/MTT/AP St Petersburg, Russia	Related Party
IEEE Central Ukraine (Kiev) ED/MTT/SSC Chapter (Poplavko Yuri)	\$415	2004 EDS Chapter Subsidy for the ED/CPMT/SSC Ukraine Chapter	Related Party
IEEE ED Mexico Chapter	\$25	2004 EDS Chapter Subsidy for ED Mexico Chapter	Related Party
IEEE ED Spain Chapter	\$25	2004 EDS Chapter Subsidy for the EDS Spanish Chapter	Related Party
IEEE ED/MTT France Chapter	\$50	2004 EDS Senior member Grant	Related Party
IEEE ED/MTT Virginia	\$25	EDS Senior member Grant	Related Party
IEEE ED/SSC/CAS Chicago Chapter	\$25	2004 EDS Chapter Subsidy for Chicago Chapter	Related Party
IEEE EDS Japan Chapter	\$50	2004 EDS Chapter Subsidy for Japan Chapter	Related Party
IEEE Orlando Section	\$25	2004 Chapter Subsidy for the ED/Cpmt Orlando Chapter	Related Party
IEEE Taipei Section	\$50	2004 EDS Chapter Subsidy for ED Taipei	Related Party
IEEE Hong Kong Section	\$1,250	EDS DL and SRC Support for the 2004 Hong Kong WIMNACT	Related Party
IEEE AP/MTT Jnt Chapter	\$350	2004 Annual funding for MTT Chapter	Related Party
IEEE Belarus Section	\$1,000	Section subsidy	Related Party
IEEE Boston Section	\$500	IEEE MTT Boston Section Chapter subsidy	Related Party
IEEE ED/MTT France Chapter	\$500	MTT Annual Chapter Support payment	Related Party
IEEE India Council	\$550	MTT Annual Society Funding for 2004	Related Party

Part II, Line 22 - Grants and Allocations

Grantee and Address	Amount	Grant/Award Description	Relationship
IEEE MTT AP Calcutta	\$550	MTT Society Chapter funding for 2004 Activities	Related Party
IEEE MTT AP Israel Society	\$550	MTT Society Chapter funding for 2004 Activities	Related Party
IEEE MTT Hungary Chapter	\$550	MTT Society Annual Chapter Support Payment	Related Party
IEEE MTT/AP/LEO Hong	\$700	MTT 2003&2004 Chapter Payments	Related Party
IEEE MTT/ED AP Lithu	\$550	MTT Society Annual Chapter Support Payment	Related Party
IEEE MTT/ED Egypt Chapter	\$550	MTT Chapter Activities Funding	Related Party
IEEE Phoenix Section	\$550	MTT Annual Society Funding for 2004	Related Party
IEEE Southern Albert	\$550	2004 MTT Chapter Subsidy	Related Party
IEEE Waves Chapter	\$350	MTT Chapter Activity Funding	Related Party
IEEE France MTT Chapter (Odile Picon)	\$550	MTT 2003 Chapter Funding	Related Party
IEEE Beijing AP/MTT/EMC Chapter (Wen Xun Zhang)	\$550	IEEE AP/MTT/EMC Nanjing Chapter	Related Party
IEEE Buenaventura	\$1,000	EMBS Chapter Matching Fund Program	Related Party
IEEE CHMT Society	\$500	IEEE CPMT 2004 Chapter Subsidy for CPMT San Diego Chapter	Related Party
IEEE CPMT Phoenix	\$500	IEEE CPMT Society 2004 Chapter Subsidy for CPMT Phoenix Chapter	Related Party
IEEE Philadelphia Section	\$300	IPC Support for Student Paper Contest	Related Party
IEEE Washington (DC) C/COM/EMC Chapter (Frederick Heather)	\$1,000	EMC Society Support for Wash/ S Maryland Joint Chapter	Related Party
IEEE AP/EMC MTT/NPS	\$200	EMC Society Contribution to Chapter for 2004	Related Party
IEEE Bombay Section	\$200	Grant to support Chapter functions for promotion of membership	Related Party
IEEE Buffalo Section	\$700	2003 High Performing chapter Award Winner	Related Party
IEEE Calcutta Section	\$1,000	2003 High Performing chapter Award Winner	Related Party
IEEE Costa Rica Section	\$650	2003 High Performing chapter Award Winner	Related Party
IEEE Kerala Section	\$200	Grant to support Chapter functions for promotion of membership	Related Party
IEEE Malaysia Section	\$950	2003 High Performing chapter Award Winner	Related Party
IEEE North Jersey Section	\$850	2003 High Performing Chapter Award Winner	Related Party
IEEE Northern Canada	\$800	2003 High Performing Chapter Award Winner	Related Party

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Grantee and Address	Amount	Grant/Award Description	Relationship
IEEE PES Argentina Chapter	\$850	2003 High Performing Chapter Award Winner	Related Party
IEEE PES Greece Chapter	\$900	Chapter subsidy	Related Party
IEEE PES IAS New York	\$950	2003 High Performing Chapter Award Winner	Related Party
IEEE PES IAS New York	\$1,000	2003 Outstanding Small Chapter Award	Related Party
IEEE PES Kolkata Chapter	\$1,000	2003 Outstanding Small Chapter Award	Related Party
IEEE PES UKRI Chapter	\$1,000	2003 Outstanding Large Chapter Award	Related Party
IEEE PES- IAS Delhi Chapter	\$900	2003 High Performing Chapter Award Winner	Related Party
IEEE Panama Section	\$950	2003 High Performing Chapter Award Winner	Related Party
IEEE Panama Section	\$250	2003 Nominee for Outstanding Small Chapter Award	Related Party
IEEE Peru Section	\$450	2003 High Performing Chapter Award Winner	Related Party
IEEE Singapore Section	\$950	2003 High Performing Chapter Award Winner	Related Party
IEEE UKRI Power Engr	\$1,000	2003 High Performing Chapter Award Winner	Related Party
IEEE Uruguay Section	\$650	Section subsidy	Related Party
IEEE Boston Section	\$1,000	IEEE Magnetics Society Annual Chapter Funding	Related Party
IEEE Romania Section	\$700	Section subsidy	Related Party
IEEE Santa Clara Valley	\$1,000	For Magnetics Society, Chapter support	Related Party
IEEE UKRI Section	\$750	Section subsidy	Related Party
IEEE Denver Section	\$600	Section subsidy	Related Party
IEEE Macedonia Section (Makedonska Sekcija)	\$333	IEEE PELS Annual Chapter Support	Related Party
UK & EIRE Section	\$1,000	Section subsidy	Related Party
IEEE ED/LEO South Africa	\$500	Chapter subsidy	Related Party
IEEE LEOS Miami Valley	\$250	IEEE/LEOS 2003-2004 Chapter start- up funds	Related Party
IEEE LEOS Miami Valley	\$1,500	2004-2005 IEEE/LEOS Chapter subsidy	Related Party
IEEE LEOS Poland Chapter	\$500	2004-2005 IEEE/LEOS Chapter subsidy	Related Party
IEEE LEOS Poland Chapter	\$500	2004-2005 IEEE/ LEOS Chapter subsidy	Related Party
IEEE/LEOS Albuquerque	\$1,500	2004-2005 LEOS Chapter subsidy	Related Party
IEEE/LEOS Australia	\$1,000	2004 IEEE/LEOS Chapter subsidy	Related Party
IEEE/LEOS Baltimore	\$1,000	2004-2005 LEOS Chapter subsidy	Related Party

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Grantee and Address	Amount	Grant/Award Description	Relationship
IEEE/LEOS Benelux Chapter	\$900	2004 IEEE-LEOS Chapter subsidy	Related Party
IEEE/LEOS Benelux Chapter	\$200	2004 Chapter Award honorarium	Related Party
IEEE/LEOS Central	\$720	2004 IEEE/LEOS Chapter subsidy	Related Party
IEEE/LEOS Central	\$200	2004 LEOS Chapter Award for Most Improved Chapter	Related Party
IEEE/LEOS Dallas Chapter	\$1,200	2004-2005 IEEE/LEOS Chapter subsidy	Related Party
IEEE/LEOS Hampton	\$1,500	2004-2005 LEOS Chapter subsidy	Related Party
IEEE/LEOS India Chapter	\$500	2004- 2005 IEEE/LEOS Chapter subsidy	Related Party
IEEE/LEOS Italy Chapter	\$815	2004-2005 LEOS Chapter subsidy	Related Party
IEEE/LEOS Mohawk Valley	\$500	2004- 2005 IEEE/LEOS Chapter subsidy	Related Party
IEEE/LEOS Ottawa Chapter	\$200	2004 Chapter Award honorarium for Most Innovative Chapter co- recipients	Related Party
IEEE/LEOS Scottish Chapter	\$1,300	2004- 2005 IEEE/LEOS Chapter subsidy	Related Party
IEEE/LEOS Tokyo Chapter	\$200	2004 LEOS Chapter Award for Most Innovative Chapter co- recipients	Related Party
IEEE/LEOS Toronto Chapter	\$600	Funding for the EYB Program	Related Party
IEEE/LEOS Toronto Chapter	\$500	2004- 2005 IEEE/LEOS Chapter subsidy	Related Party
IEEE/LEOS University of California	\$500	2004- 2005 IEEE/LEOS Chapter subsidy	Related Party
IEEE/LEOS Montreal Chapter	\$500	2004- 2005 IEEE/LEOS Chapter subsidy	Related Party
IEEE Ukraine LEOS Chapter (Igor Sukhoivanov)	\$3,230	2004-2005 LEOS Chapter subsidy	Related Party
IEEE Serbia & Montenegro Section (Electronski Fakultet)	\$515	Chapter subsidy	Related Party
IEEE Novosibirsk, Russia MTT/ED/CPMTCOM/SSCS Chapter (Alexandre Gridchin)	\$515	Joint Novosibirsk MTT/ED/CPMT/COM/SSCS/Chapter for 2004	Related Party
IEEE Novosibirsk, Russia MTT/ED/CPMTCOM/SSCS Chapter (Alexandre Gridchin)	\$515	Chapter subsidy	Related Party
IEEE Canadian Atlantic SSCS Chapter	\$1,000	Annual subsidy from SSCS for chapter	Related Party
IEEE Central Ukraine	\$365	Section subsidy	Related Party
IEEE ED/SSC Bangalor	\$1,000	ISCC for Outstanding Chapter Award SSCS	Related Party
IEEE ED/SSC Bangalor	\$500	Annual subsidy from SSCS	Related Party
IEEE ED/SSC Seoul	\$500	Annual subsidy from SSCS	Related Party

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Grantee and Address	Amount	Grant/Award Description	Relationship
IEEE Israel Section	\$1,000	Annual subsidy from SSCS	Related Party
IEEE Kitchener Waterloo Chapter	\$500	Annual subsidy from SSCS	Related Party
IEEE SSC Zurich Chapter	\$1,000	Annual subsidy from SSCS	Related Party
IEEE SSCS Kansai	\$1,015	Chapter subsidy	Related Party
IEEE Sweden Section	\$1,015	Section subsidy	Related Party
IEEE Russia Section (Belor Yuri Ivanovich)	\$515	Chapter subsidy	Related Party
IEEE Ukraine Section (Andriychu Ivanovych)	\$315	Chapter subsidy	Related Party
IEEE Russia (Siberia) Section (Vladimir Kolchuzhin)	\$1,015	Chapter subsidy	Related Party
IEEE Serbia & Montenegro Section (Tatjana Pesic)	\$500	Annual subsidy from SSCS for Yugoslavia Student Branch Chapter	Related Party
IEEE Dallas Section	\$100	2004 Reliability Society Chapter Award	Related Party
IEEE Reliability Cleveland	\$100	2004 Reliability Society Chapter Award for Cleveland Chapter	Related Party
IEEE Reliability Japan Chapter	\$500	2004 Reliability Society Chapter Award	Related Party
IEEE Reliability Society	\$100	2004 Reliability Society Chapter Award for Ottawa Chapter	Related Party
Winnipeg Waves IEEE	\$500	Support participation in ANTEM 2004 Conference	Related Party
IEEE ED/MTT India Chapter	\$450	EDS Chapter Subsidy	Related Party
IEEE Bulgaria Section	\$1,300	Section Aid	Related Party
IEEE Seoul Section	\$500	Chapter Support	Related Party
IEEE Singapore CAS Chapter	\$500	Chapter Support	Related Party
IEEE Canadian Atlantic	\$500	CAS support for chapter activities	Related Party
IEEE Czechoslovakia	\$500	CAS support for chapter activities	Related Party
IEEE CASS Argentina	\$500	Support for Argentina Chapter to organize local activities	Related Party
IEEE Puebla Section	\$1,000	Support for Puebla Chapter	Related Party
IEEE CAS Kansai Chapter	\$500	Chapter Support	Related Party
IEEE CAS Taipei Chapter	\$1,000	Chapter Support	Related Party
IEEE Western Australia	\$165	Chapter funding	Related Party

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Grantee and Address	Amount	Grant/Award Description	Relationship
IEEE ACT Section	\$575	2004 Chapter Funding	Related Party
IEEE AES Com LEOS Chapter	\$600	Comsoc's Chapter Funding 2004 for IEEE India Section	Related Party
IEEE AES COM LEOS Chapter	\$600	Comsoc's Chapter Funding 2004 for IEEE Delhi Section	Related Party
IEEE Calcutta Section	\$1,025	Chapter Funding	Related Party
IEEE Central New England	\$500	2004 Chapter Funding	Related Party
IEEE Central Ukraine	\$550	Chapter Funding	Related Party
IEEE Charlotte Section	\$900	2004 Chapter Funding	Related Party
IEEE Chicago Section	\$500	2004 Chapter Achievement Award	Related Party
IEEE Czechslovakia	\$900	Chapter Funding	Related Party
IEEE El Salvador	\$925	2004 Chapter Funding	Related Party
IEEE Florida West	\$400	2004 Chapter Funding	Related Party
IEEE Guadalajara Section	\$1,000	2004 Chapter Funding	Related Party
IEEE Hungary Section	\$1,350	Reimbursement for Travel Expenses	Related Party
IEEE North Italy	\$425	Chapter Funding	Related Party
IEEE Oakland East	\$625	Chapter Funding	Related Party
IEEE Oregon Section	\$500	2004 Chapter Achievement Award	Related Party
IEEE Panama Section	\$525	2004 Chapter Funding	Related Party
IEEE Rio De Janeiro	\$850	Chapter Funding	Related Party
IEEE San Diego Section	\$800	2004 Chapter Funding	Related Party
IEEE Slovenia Section	\$700	Chapter Funding	Related Party
IEEE Southern Albert	\$275	2004 Chapter Funding	Related Party
IEEE St. Petersburg	\$700	Chapter Funding	Related Party
IEEE Taipei Section	\$775	2004 Chapter Funding	Related Party
IEEE Toronto Section	\$500	2004 Chapter Achievement Award	Related Party
IEEE Toronto Section	\$750	2004 Chapter Funding	Related Party
IEEE Western Australia	\$625	Chapter Funding	Related Party
IEEE Central Texas	\$500	Gold Committee QSIF Funding for the IEEE Central Texas Gold Affinity Group Activities	Related Party
IEEE Montreal Section	\$500	Funding from Gold QSIF Program for Montreal Section	Related Party

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		Gold Member Activities 2004	
IEEE Northern Canada	\$500	Gold QSIF Funding for Northern Canada Gold Affinity Group Activities 2004	Related Party
IEEE S Saskatchewan	\$500	IEEE Gold OSIF Funds for South Saskatchewan Section Gold Members 2004	Related Party
IEEE Panama Section	\$500	Technical Symposium Grant	Related Party
IEEE San Diego Section	\$500	Technical Symposium Grant	Related Party
IEEE Yugoslavia Section	\$500	Technical Symposium Grant	Related Party
IEEE Florida West Coast	\$500	Stipend donated by Ralph Painter for participation in CCNY Program	Related Party
IEEE Colombia Section	\$200	2004 Chapter Subsidy for WIE Francisco Jose Cladas Student Branch Chapter	Related Party
IEEE Kerala Section	\$200	2004 WIE Kerala Chapter Subsidy	Related Party
IEEE Kerala Section	\$350	WIE Travel Support for Seemu Chrispin	Related Party
IEEE Switzerland Section	\$200	2003/ 2004 Subsidy Funds for WIE Switzerland Chapter	Related Party
IEEE Switzerland Section	\$180	2003 WIE Switzerland Chapter Subsidy	Related Party
IEEE WIE Affinity Gr	\$1,200	2004 Chapter Subsidy and Additional Funds Community Outreach Program	Related Party
IEEE WIE Washington	\$200	Chapter Subsidy WIE Washington Chapter	Related Party
TOTAL IEEE SECTIONS & CHAPTERS	\$143,141		
<u>IEEE CONFERENCES</u>			Related Party
445 Hoes Lane Piscataway, NJ 08854			
2005 7th International Symposium on Signals, Circuits and Systems (ISSCS)	\$5,000	Conference Grant	Related Party
2004 41st ACM/ IEEE Design Automat Cnf	\$2,000	Grant for Student Design Contest	Related Party
IEEE/ACM	\$22,500	SC 2002 Education Program	Related Party
IEEE/ ACM	\$25,135	SC 2002 Minority Participation Program	Related Party
NAFIPS	\$13,691	Conference Grant	Related Party
IEEE AP ASIC 2004	\$10,000	Conference Grant	Related Party
IEEE 2004 ICCAD	\$2,000	Conference Grant	Related Party
IEEE 2004 ICCAD	\$2,000	TCDA Grant for McCalla Awards	Related Party

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TOTAL IEEE CONFERENCES	<u>\$82,326</u>		

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Grantee and Address	Amount	Grant/Award Description	Relationship
UCLA Foundation 10920 Wilshire Blvd. Suite 900 Los Angeles, CA 90024	\$5,000	Edward Hoffman Graduate Fellowship Fund	None
University of Missouri c/o Sandra Martin, Sr. Sec. Undergraduate Studies & Comp Engrg 143 Emerson Electric Company Hall Rolla, MO 65409-0040	\$500	Contribution to support the Academy of Electrical and Computer Engineering UMR Task Force	None
MIT 545 Technology Square Cambridge, MA 02139	\$1,000	EMBS Conference Grant for Synthetic Biology Conference	None
Hongwei Ding INRIA-MACSI, ISGMP Bat. A, Ile du Saulcy Metz 5700 France	\$300	Student Travel Financial Award Conference	None
Md Rajibul Hug Bultimore Crt Apt F201Box No. 534 57 Allandale Road St John's, NL A1B 3S7 Canada	\$600	Student Travel Financial Award Conference	None
Mehmet Karakose Firat University, Computer Engineering Dept Elazığ, 23119 Turkey	\$400	Student Travel Financial Award for Conference	None
Martinez- Hernandez Flat 3, 25 Upper Redlands Rd Reading, Bershire RG15JJ United Kingdom	\$200	Student Travel Financial Award for Conference	None
Kalle Saastamoinen Kaartinkatu 6E/44 Lappeenranta, 53850 Finland	\$400	Travel Grant	None
Julia M Taylor 7879 Hedgewood Cir Mason OH 45040	\$600	Student travel financial award for conference	None
Predrag Tasic 2203 Hazelwood Dr Apt 202 Urbana, IL 61801	\$600	Travel Grant recipient	None
William Lorensen 14 Hearthside Drive Ballstan Lake, NY 12019	\$500	2004 VGTC Visualization Career Award	None
Amitabh Varshney 4407 A V. Williams Bldg. University of Maryland Collegepark, MD 20742	\$500	2004 VGTC Visualization Technical Achievement Award	None

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Grantee and Address	Amount	Grant/Award Description	Relationship
Kunihiko Fukushima 634- 3, Miwa Machida, Tokyo 195-0054 Japan	\$2,000	Recipient of IEEE NNS 2003 Neural Networks Pioneer Award	None
Paul D Gader 9627 SW 40th Lane Gainesville, FL 32608	\$250	2003 TFS Outstanding Paper Award	None
John H Holland 3800 West Huron River Drive Ann Arbor, MI 48103	\$2,000	2003 EC Pioneer Award	None
Georgios Karystinos 80B Embassy Sq, Apt. 3 Tonawanda, NY 14150	\$250	2003 TNN Outstanding Paper Award	None
Dimitrios A. Pados 6309 Crosswinds Ct East Amherst, NY 14051	\$250	Recipient of IEEE Transactions on Neural Networks Outstanding Paper Award	None
Alejandro Urrecho Escuela Politecnica Superior Universidad Autonoma de Madrid Madrid, 28049 Spain	\$167	Co-recipient of IEEE Transactions on Evolutionary Computation Outstanding Paper Award	None
Giuseppe Caire Politecnico Di Torino Corsa Duco Degli Abruzzi 24 Torino, 10129 Italy	\$500	2004 Com Soc/IT Joint Paper Award	None
Timothy J. Coutts 1229 Pomegranete Lane Golden, CO 80401- 9262	\$500	2005 Cherry Award Winner	None
Jerry G Fossum 4529 NW 53rd St Gainesville, FL 32606	\$5,000	2004 EDS J.J Ebers Award Winner	None
Junji Koga 4-28-4, Ohyabe Yokosuka, Kanagawa 238- 0024 Japan	\$625	2003 EDS Paul Rappaport Award Winner	None
Tomohisa Mizuno 126- 514, Takinoue, Naka- ku Yokohama- city, Kanagawa 231- 0837 Japan	\$625	2003 IEEE EDS George Smith-Award Winner	None
Ryuji Ohba R&D Center, Toshiba Co Isogo- ku Yokohama- shi, Kanagawa- ken 235-8522	\$625	2003 EDS Paul Rappaport Award Winner	None
Louis C Parrillo 2603 Buckminster Ct Austin, TX 78746	\$2,500	2004 EDS Distinguished Service Award Winner	None

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Grantee and Address	Amount	Grant/Award Description	Relationship
Naoharu Sugiyama 12- 110, 1351-1, Miho- cho Midori- ku Yokohama, Kanagawa 226-0015 Japan	\$625	2003 IEEE EDS George Smith Award Winner	None
Shinichi Takagi 2-11-1901 Hacchobori, Chuo- ku Tokyo 104-0032 Japan	\$625	2003 IEEE EDS George Smith Award Winner	None
Tsutomu Tezuka 3-22-3-902, Shin- yokohama Kouhoku- ku Yokohama, Kanagawa 222-0033 Japan	\$625	2003 IEEE EDS George Smith Award Winner	None
Akira Toriumi E-302, 350-3 Kozukue Yokohama 222-0036 Japan	\$625	2003 IEEE EDS Paul Rappaport Award Winner	None
Ken Uchida Toshiba Corp , 8 Shinsugita- cho Isogo- ku Yokohama 235-8522 Japan	\$625	2003 IEEE EDS Paul Rappaport Award Winner	None
Susan C Hagness 301 Forest St Madison, WI 53726	\$1,000	Honorarium for EMBS Early Career Achievement Award	None
John D Enderle 6971 Riverdale Drive Fargo, ND 58104	\$1,000	Honorarium for EMBS Career Service Award	None
Yunfeng Wu No 1 Student Apt Xi Tu Cheng Road 1 Beijing 100876 China	\$515	Travel Grant - OPA 2nd Place 2004	None
Chia Fu Chou 1401 W Armstrong Way Chandler, AZ 85248	\$500	2003 CPMT Transactions on Components and Packaging Technologies Best Paper Award	None
Masanobu Kimura 1-16-13 Kamakurayama Kamakura Kamakura, Kanagawa 248-0031 Japan	\$625	2003 CPMT Transactions on Advanced Packaging Best Paper Award	None
Johan Liu Nordbanken, Sweden Stockholm Sweden	\$2,500	2004 CPMT Exceptional Technical Achievement Award	None
Daoqiang Lu 937 E Libra Place Chandler, AZ 85249	\$500	2004 Outstanding Young Engineer Award	None
Shijian Luo 13256 W. Passage Ct. Boise, ID 83713	\$500	2004 Outstanding Young Engineer Award	None

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Grantee and Address	Amount	Grant/Award Description	Relationship
Lei Mercado Liv Inn Suites 5201 Central Ave NE, Rm. 140 Fridley, MN 55421	\$500	2004 Outstanding Young Engineer Award	None
Luu T. Nguyen 1626 Camarena Place San Jose, CA 95121	\$2,500	2004 CPMT Outstanding Sustained Technical Contribution Award	None
Daniel J. Sadler 1513 E. Commerce Ave Gilbert, AZ 85234	\$500	2003 CPMT Transactions on Components and Packaging Technologies Best Paper Award	None
Hajime Sudo 2-59-11 Mutsumi Matsuso- shi, Chiba 210- 2204	\$625	2003 CPMT Transactions on Advanced Packaging Best Paper Award	None
Takashi Togasaki Haimu- Aika D203, 30-25, Osonedai Kouhoku- ku Yokohama City, 222- 0004 Japan	\$625	2003 CPMT Transactions on Advanced Packaging Best Paper Award	None
Michael J. Varnau 4255 W 180 S Russiaville, IN 46979	\$2,500	2004 CPMT Electronics Manufacturing Technology Award	None
Ralph W Wyndrum Jr. 35 Cooney Terrace Fair Haven, NJ 07704	\$2,500	2004 CPMT David Feldman Outstanding Contribution Award	Related
Hiroshi Yamada Zefiru- Ono- 201, 2-19-24, Ookubo Konan- ku Yokohama, Kanangawa 233-0007 Japan	\$625	2003 CPMT Transactions on Components and Packaging Technologies Best Paper Award	None
Frederic Zenhausern 1518 Palomino Blvd Fountain Hills, AZ 85268	\$500	2003 CPMT Transactions on Components and Packaging Technologies Best Paper Award	None
Donald Glen Davies 2835 Coventry Lane Salt Lake City, UT 84121	\$100	2004 PES Prize Paper Award	None
Chen Ching Liu Box 352500 Dept. of EE University of Washington Seattle, WA 98195	\$1,000	2004 PES Outstanding Power Engineering Educator Award	None
Shawn E Patterson 14163 W. Bates Ave Lakewood, NJ 80228	\$100	2004 PES Prize Paper	None
Leslie Pereira 1528 River Oak War Roseville, CA 95747	\$100	2004 PES Prize Paper	None

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Grantee and Address	Amount	Grant/Award Description	Relationship
John M. Undrill 31 Via Maria Scotia, NY 12302	\$100	2004 PES Prize Paper	None
Daniel J Ward 6995 Hartford Oaks Court Mechanicsville, VA 23116	\$200	2003 PES Prize Award	None
Thomas L Baldwin 4022 Ardara Dr. Tallahassee, FL 32310	\$125	Recipient of IEEE IAS Industrial and Commercial Power Systems Department Prize Paper Award	None
Brent Kevin Duncan 7627-101 Gresham Hills Dr Raleigh, NC 27615	\$150	Recipient of IEEE IAS Industrial and Commercial Power Systems Department Prize Paper Award	None
Alexander Emanuel 35 Overlook Drive Southboro, MA 01772	\$300	Recipient of IEEE IAS Industrial and Commercial Power Systems Department Prize Paper Award	None
Ndubuisi Kenneth Ochije Block M, 36 Elms Road Leicester, England LE2 3JY United Kingdom	\$150	Recipient of IEEE IAS Industrial and Commercial Power Systems Department Prize Award	None
Frank Renovich Jr 16455 Stagecoach Dr Garrettsville, OH 44231	\$125	Recipient of IEEE IAS I&CPS Ralph H Lee Department Prize Paper Award	None
Nicola Trivillin Via Overdan, 45 Pordenone, PN 33170	\$60	IAS Electric Machines Committee Prize Paper	None
Larry A Coldren ECE Dept , UCSB Santa Barbara, CA 93106	\$3,400	2004 John Tyndall Award	None
Marina M. Meliga Via San Sudario 12A Avigliana, Torino 10051 Italy	\$1,000	2004 LEOS Engineering Achievement Award Honorarium	None
Gerard A. Mourou 4151 Thormoaks Dr Ann Arbor, MI 48109	\$4,000	2004 IEEE/LEOS Quantum Electronics Award Honorarium	None
Jose Sala Alvarez c/ Tarragona 6, 1-1 Manresa, Barcelona 08240	\$500	IEEE Signal Processing Society 2003 Best Paper Award	None
Thierry Blu Avenue du Rond- Point, 7 Lausanne CH-1006 Switzerland	\$500	IEEE Signal Processing Society 2003 Best Paper Award	None
Johann F. Bohme Auf dem Hee 33 Witten, NRW 58455	\$1,500	IEEE Signal Processing Society 2003 Technical Achievement Award	None

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Grantee and Address	Amount	Grant/Award Description	Relationship
Ramon Brcic Falltorstrasse 29 Darmstadt, D-64291 Germany	\$500	IEEE Signal Processing Society 2003 Young Author Best Paper Award	None
Tony Chan 2875 Bottlebrush Drive Los Angeles, CA 90077	\$500	IEEE Signal Processing Society 2003 Best Paper Award	None
Aleksanda Dogandzic 2511 Bristol Dr., Apt. 206 Ames, IA 50010-7157	\$500	IEEE Signal Processing Society 2003 Young Author Best Paper Award	None
Deniz Erdogmus 2915-67 SW 13th Street Gainesville, FL 32608	\$500	IEEE Signal Processing Society 2003 Young Author Best Paper Award	None
Jean Fuchs 10 Rue de Riaval Rennes 35000 France	\$500	IEEE Signal Processing Society 2003 Best Paper Award	None
Georgios Giannakis 20 Second Street Apt 1508 Minneapolis, MN 55413	\$500	IEEE Signal Processing Society 2003 Magazine Award	None
David C. Munson Jr. Coordinated Science Lab 1011 W Springfield Avenue Urbana, IL 61801	\$2,500	IEEE Signal Processing Society 2003 Society Award	None
Constantinos Papadias Bell Labs, Lucent Technologies 791 Holmdel- Keyport Rd Holmdel, NJ 07733	\$500	IEEE Signal Processing Society 2003 Young Author Best Paper Award	None
Argoyaswami Paulraj Durand 133 ISL Dept of EE Stanford University Stanford, CA 94305- 9510	\$1,500	IEEE Signal Processing Society 2003 Technical Achievement Award	None
John Proakis 9 Coventry Lane Andover, MA 01810	\$1,500	IEEE Signal Processing Society 2003 Education Award	None
Jaume Riba Sagarra c/ Comte Borrell, 296, 6-2 Barcelona, Spain 08029	\$500	IEEE Signal Processing Society 2003 Best Paper Award	None
Michael Unser 21 Ch des Memises Ecublens CH- 1024 Switzerland	\$500	IEEE Signal Processing Society 2003 Best Paper Award	None
Gregori Vazquez Marina 228- 232, 1, 3 Barcelona 08013 Spain	\$500	IEEE Signal Processing Society 2003 Best Paper Award	None

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Luminita A. Vese 827 Levering Ave Apt 605 Los Angeles, CA 90024	\$500	IEEE Signal Processing Society 2003 Best Paper Award	None
Zhengdao Wang 220 Raphael Ave #3 Ames, IA 50014	\$500	IEEE Signal Processing Society 2003 Magazine Award	None
Jennifer T. Bernhard 1020 W Daniel St. Champaign, IL 61821	\$250	AP003 2004 Harold A. Wheeler Applications Prize Paper Award	None
Nathaniel D. Burt 312 Orchard Circle Manhattan, KS 66502	\$1,000	AP003 2002 - 2003 IEEE AP- S Undergraduate Scholarships	None
Thomas Evans 2005 E. Sheridan Rd Salt Lake City, UT 84108	\$1,000	AP003 2004 - 2005 IEEE AP- S Undergraduate Scholarships	None
Liu Haibo Xiadongcaiyuan, Block 2, #03-201 Zhangjiakou, Hebei 075000	\$1,000	AP003 2002 - 2003 IEEE AP- S Undergraduate Scholarships	None
Thorsten W. Hertel Alereon 11350 Four Points Dr #1427 Austin, TX 78726	\$1,000	AP003 2004 R.W.P. King Award	None
Pekka Martti Ikonen Servinkuja 5 B 61 Espoo 02150 Finland	\$1,000	AP003 2003 IEEE AP- S Undergraduate Scholarships	None
Bhavesh Jashnani 1400 Laurel Ave Apt W1611 Minneapolis, MN 55403	\$1,000	AP003 2004 - 2005 Undergraduate Scholarship	None
Blaine Murakami 94- 441 Nui Street Mililani, HI 96789	\$1,000	AP003 2002 - 2003 IEEE AP- S Undergraduate Scholarships	None
Kankan H. Pan 8518 NW Gilliam Lane Portland, OR 97229	\$250	AP003 2004 Harold A. Wheeler Applications Prize Paper Award	None
David M Pozar 55 Teawaddle Hill Road Leverett, MA 01054	\$1,000	AP003 2004 Sergie A Schelkunoff Prize Award	None
Matthew Earl Ricks 267 E 3100 S Bountiful, UT 84010	\$1,000	AP003 2002 - 2003 IEEE AP- S Undergraduate Scholarships	None
Chaipat Sae Heng 1654/21 Chan29 Thungwaddon Sathorn, Bangkok, Thailand 10120	\$1,000	AP003 2004 -2005 Undergraduate Scholarship	None

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Akram Salem Sediq Key No.2161 P O Box 26666 Sharjah, United Arab Emirates	\$1,000	AP003 2004 -2005 Undergraduate Scholarship	None
Steven Weigand 450 Oak Grove Drive Apt. 105 Santa Clara, CA 95054	\$250	Paper Award	None
Liu Xin 21 Prince George's Park #07-01 Block 1 Room M Singapore, 118420 Singapore	\$1,000	AP003 2002 - 2003 IEEE AP- S Undergraduate Scholarships	None
David J. Allstot University of Washington Dept of Electrical Engineering Box 35250 Seattle, WA 98195- 2500	\$1,000	Technical Achievement Award from IEEE Circuits and Systems Society	None
Sergio Callegari Via Pertile 9 Bologna, BO 40137 Italy	\$500	Darlington Best Paper Award from IEEE Circuits and Systems Society	None
Alper Demir Koc University Muhendislik Fak , ENG 222 Sariyer, Istanbul 34450 Turkey	\$500	Guillemun- Cauer Best Paper Award from IEEE Circuits and Systems Society	None
Paulo Diniz S.R Universidade Federal Do Rio De Janeiro Programme de Engenharia Electrica Caixa Postal 68504 Rio de Janeiro, RJ 21945-970	\$1,000	Society Education Award from IEEE Circuits and Systems Society	None
Gary D Hachtel 1265 Chimook Way Boulder, CO 80303	\$2,000	Van Valkenburg Award from IEEE Circuit and Systems Society	None
John P. Hayes 3523 Larchmont Ann Arbor, MI 48109	\$500	Donald O. Peterson Best Paper Award from IEEE Circuit and Systems Society	None
Bede Liu Department of Electrical Engineering Princeton University Princeton , NJ 08540	\$500	2003 TCSVT Best Paper Award	None
Igor Markov 3015 Whisperwood Dr. #258 Ann Arbor, MI 48105	\$500	Donald O Peterson Best Paper Award from IEEE Circuit and Systems Society	None
Milind Naphade 583 Narayan Peth, B- 14 Jaldhara Society Pune, Maharashtra 411030 India	\$500	Outstanding Young Author Award from IEEE Circuits and Systems Society	None

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Aditya K Prasad 46544 Galway Novi, MI 48374	\$500	Donald O Peterson Best Paper Award from IEEE Circuit and Systems Society	None
Riccardo Rovatti Via de Crescenzi 13 Bologna, 90131 Italy	\$500	Darlington Best Paper Award from IEEE Circuits and Systems Society	None
Gianluca Setti Via Mascagni 38 Modena 41100 Italy	\$500	Darlington Best Paper Award from IEEE Circuits and Systems Society	None
Vivek Shende 411 N State St Apt 2 Ann Arbor, MI 48104	\$500	Donald O. Peterson Best Paper Award from IEEE Circuit and Systems Society	None
Bing Sheu Department of Electrical Engineering University of Southern CA Powell Hall 604 EPMS 0271 Los Angeles, CA 90089	\$1,000	Meritorious Award from IEEE Circuits and Systems Society	None
Ya- Qin Zhang 11000 NE 10th Street #409 Bellevue, WA 98004	\$1,000	Industrial Pioneer Award from IEEE Circuits and Systems Society	None
David A. Hammer 109 Orchard Place Itaca, NY 14850	\$1,500	NPS- 2004 IEEE Plasma Science and Application Award	None
Thiyagarajan Magesh 103 N Randall Ave. Apt 4 Madison, WI 53715	\$500	IEEE NPS Graduate Scholarship	None
Sriram Parameswaran 1611 Laurel Ave Apt 716 Knoxville, TN 37916	\$500	IEEE NPS Graduate Scholarship	None
Kenneth R. Prestwich 12201 Cedar Ridge, NE Albuquerque, NM 82112	\$2,000	IEEE NPS Merit Award	None
Robert A Reed 2517 Patriot Way Apt. F Greensboro, NC 27408- 2755	\$1,800	IEEE NPS Early Achievement Award	None
Joseph R Srouf P O Box 3070 Manhattan Beach, CA 90266	\$2,000	NPS 2004 Merit Award	None
Hao Xiong 511 Chesterfield Ave. Apt 4Q Nashville, TN 37212	\$500	Recipient of IEEE NPSS Graduate Scholarship	None

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Vijay K Bhargava Department of Electrical and Computer Engineering University of Victoria P O Box 3055 Victoria, BC V8W 3P6 Canada	\$250	IEEE VTS James R Evans Avant Garde Award	None
Dennis A. Bodson 233 N Columbus St Arlington, VA 22203	\$250	IEEE VTS Outstanding Service Award	None
Gregory E Bottomley 100 Merlot Court Cary, NC 27511	\$250	IEEE VTS Outstanding Service Award	None
David Kent Briggs 10900 W Frier Drive Glendale, AZ 85307	\$125	VTS 2003 Best Vehicular Electronics Paper	None
Denis Donlagic Vinarje 110 A Maribor 2000 Slovenia	\$250	IEEE VTS Best Land Transportation Paper Award	None
William J Fleming 157 Ferndale Ave Rochester, MI 48307	\$250	IEEE VTS Outstanding Service Award	None
Marjan Hanc Vrtnarja 5A Vrhnika 1360 Slovenia	\$250	IEEE VTS Best Land Transportation Paper Award	None
Francine Y Robb 13530 N Sunridge Drive Fountain Hills, AZ 85268	\$125	VTS 2003 Best Vehicular Electronics Paper	None
Stephen P. Robb 13530 N Sunridge Dr Fountain Hills, CA 85268	\$125	VTS 2003 Best Vehicular Electronics Paper	None
Zheng Shen 438 Pine Brae Dr. Ann Arbor, MI 48105	\$125	VTS 2003 Best Vehicular Electronics Award	None
Ralph A Evans 804 Vickers Ave Durham, NC 27701	\$500	2004 IEEE Reliability Society Lifetime Achievement Award	None
John D Musa 39 Hamilton Rd Morristown, NJ 07960- 5341	\$1,000	2004 IEEE Reliability Society Engineer of the Year Award	None
Ralph A Braspenning Schoolpad 4 Zundert (NB) 4882 BW Netherlands	\$144	2003 IEEE CES Chester Sall Award - 1st place CES Transactions	None
Reinder J Bri1 Mozartlaan q Waalre 5583 XP Netherlands	\$144	2003 IEEE CES Chester Sall Award - 1st place CES Transactions	None

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Christian Hentschel Lieberoser Str 7a Cottbus 03046 Germany	\$144	2003 IEEE CES Chester Sall Award - 1st place CES Transactions	None
Cesare Alippi Via Nazionale 130 Abbadia, Lariano 23821 LC Italy	\$1,500	2004 I&M Outstanding Young Engineer Award	None
Emil Petriu 5 Valecrest Court Ottawa, Ontario K1B 4G2	\$2,000	2004 Instrumentation and Measurement Society Award	None
Johan Schoukens Begomaslaan 34 Kraaimem 1950 Belgium	\$2,000	2004 Distinguished Service Award	None
Douglas C. Strain 2545 SW Terwilliger Blvd Apt 902 Portland, OR 97201	\$5,000	2004 I&M Instrumentation and Measurements Career Award	None
Yaakov Bar-Shalom 249 Wormwood Hill Rd Mansfield, CT 06250	\$1,000	AES 2000 M Barry Carlton Award	None
James B. Billingsley 34 Flint Rd Acton, MA 01720	\$200	AES 2001 M. Barry Carlton Award	None
Alfonso Farina Via Helsinki no. 14 Rome 00144 Italy	\$200	AES 2001 M. Barry Carlton Award	None
Erwin C Gangl 10640 Willow Brook Drive Centerville, OH 45458	\$2,000	IEEE AES 2004 Pioneer Award	None
Fulvio Gini Via Aldo Moro, 29 San Giuliano Terme, PI 56010	\$200	AES 2001 M. Barry Carlton Award	None
Maria Greco Via L'Arancio 44 Pisa, PI 56126	\$200	AES 2001 M Barry Carlton Award	None
Jose Anton Iglesias Escuela Politecnica Superior Universidad Autonoma de Madrid Ctra De Colmenar Viejo, Km. 15 Madrid 28049, Spain	\$167	2003 IEEE Transactions on Evolutionary Computation Outstanding Paper Award	None
Guillaume Serge 245 Rue de la Mayre Prades le Lez, 34730 France	\$1,000	2004 IEEE NNS/CIS TFS Outstanding Paper Award	None

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Ronald Yager 315 East 78th Street New York, NY 10021	\$2,000	IEEE CIS 2004 Fuzzy Systems Pioneer Award	None
Robert J. McEliece 1200 E Clifornia Blvd Moore Lab 136- 93 Pasadena, CA 91125	\$10,000	2004 Claude E Shannon Award	None
David N Tse 1635 Scenic Ave #1 Berkeley, CA 94709	\$1,000	IEEE Information Theory Society Best Paper	None
Lizhong Zheng 812 Memorial Dr. Apt 1104 Cambridge, MA 02139	\$1,000	IEEE Information Theory Society Shannon Award	None
Ian David Flintoft 14 Northfield Road Driffield, East Yorkshire YO25 5EU United Kingdom	\$200	IEEE EMC Best IEEE Transaction on Electromagnetic Compatibility Award	None
William E Kirhofer 4639 Encinas Dr. La Canada, CA 91011	\$250	IEEE Engineering Management Society	None
William Loftus 342 Grays Lane Haverford, PA 19041	\$1,000	2004 Engineering Manager of the Year Award	None
Robert E Ryan 1209 Lanternman Lane La Canda, CA 91011	\$250	2003 IEEE Engineering Management Society Engineering manager of the Year	None
Ahmad Ziad Akı Abu Dhabi P O Box 38771 Sharjah, United Arab Emirates	\$600	IEEE MTT- S Undergraduate Honorable Mention	None
John William Bandler P.O. Box 8083 Dundas, Ontario L9H 5E7 Canada	\$1,500	2004 Microwave Application Award	None
Tomasz A. Filipek Lokietka 33 m 10 Bydgoszcz 85- 200 Poland	\$600	IEEE MTT- S Undergraduate Honorable Mention	None
Allen W Glisson P.O Box 1652 University, MS 38677	\$750	2004 Microwave Prize Award	None
Pekka Ikonen Servinkuja 5 B 61 Espoo 02150	\$1,200	IEEE MTT- S Undergraduate Scholarship	None

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Jerry Chun Pai Jun 11084 NW 21 Street Coral Springs, FL 33071	\$600	IEEE MTT- S Undergraduate Scholarship Honorable Mention	None
Ahmed A Kishk 102 Lakeway Dr. Oxford, MS 38655	\$750	2004 Microwave Prize Award	None
Richard Lai 615 Esplanade Ave# 811 Redondo Beach, CA 90277	\$1,500	IEEE MTT- S Outstanding Young Engineer Award	None
Ekaterina Laskin 155 Marlee Ave Apt 902 Toronto, Ontario M6B 4B5	\$1,200	IEEE MTT S Undergraduate Scholarship	None
Shaohua Lin 1501 River Reach Dr Apt 269 Orlando, FL 32828	\$1,200	IEEE MTT S Undergraduate Scholarship	None
Blaine Murakami 94-441 Nui Street Mililani, HI 96789	\$600	IEEE MTT- S Undergraduate Honorable Mention	None
Andrey Nosich Pr. L Svobody 28 Ap 60 Kharkov 61202, Ukraine	\$600	IEEE MTT- S Undergraduate Honorable Mention	None
Mohammed Rajeek 131 E. Winchester Rd, Unit B Libertyville, IL 60048	\$750	2004 Microwave Prize Award	None
Gerald F Ross 445 Longboat Club Road, PH- 1 Longboat Key, FL 34228	\$2,500	2004 Microwave Pioneer Award	None
Chaipat Sae Heng 1654/21 Chan29 Thungwaddon Sathorn, Bangkok, Thailand 10120	\$1,200	IEEE MTT S Undergraduate Scholarship	None
Hugh K Smith 916 Saratoga Dr. Palatine, IL 60074	\$750	2004 Microwave Prize Award	None
Roberto Sorrentino Department of Electronic Eng Seconda Univ Di Roma - Oracio Raimondo Rome I- 00173 Italy	\$2,500	2004 Distinguished Educator Award	None
Antonio Carlos Torrezan de Sousa Rua Salgueiro do Camp, 517 San Paulo, SP, Brazil 05814-210	\$1,200	IEEE MTT - S Undergraduate Scholarship	None
Matthew Valerio 20620 Springdale Rd. Marysville, OH 43040	\$1,200	IEEE MTT - S Undergraduate Scholarship	None

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Andre Vander Vorst Sentier du Goria 4 Louvain-la- Neuve B-1348 Belgium	\$5,000	2004 Microwave Career Award	None
Isaac J. Waldron 63 Wachusett St Worcester, MA 01609	\$1,200	IEEE MTT - S Undergraduate Scholarship	None
Robert A York 5523 Somerset Dr Santa Barbara, CA 93111	\$1,500	2004 IEEE MTT- S Outstanding Young Engineer Award	None
James F Greenleaf 1068 Plummer Lane SW Rochester, MN 55901	\$1,000	IEEE UFFC- S Rayleigh Award	None
Fred Hickernell 5012 E. Weldon Phoenix, AZ 85018	\$2,000	IEEE UFFC- S Distinguished Service Award	None
Kazuhiko Yamanouchi Tohoku Institute of Technologie 35- 1 Yagiyama Kasumicho Taihakuku, Sendi 982- 8577	\$2,000	IEEE UFFC- S Achievement Award	None
Tamer Basar UIUC/ CSL 1308 W Main Street Urbana, IL 61801- 2307	\$2,000	IEEE CSS Hendrick W. Bode Lecture Prize	None
Queensland Joint Society c/c Prof David A Castanon Department of Electrical & Computer Engineering Boston University 8 St Mary's St Boston, MA 02215	\$1,000	IEEE 2003 Outstanding CSS Chapter Award	None
Banavar Sridhar 834 Hierra Court Los Altos, CA 94024	\$2,000	2004 IEEE CSS Control Systems Technology Award	None
Antal Bejczy 1455 Riveiera Drive Pasadena, CA 91107	\$500	2004 Pioneer in Robotics and Automation Award	None
George A Bekey Computer Science Department University of Southern California Los Angeles, CA 90089- 0781	\$1,000	2004 RAS Distinguished Service Award	None
Karl F Bohringer 505 E Denny Way 602 Seattle, WA 98122	\$250	2004 Early Academic Career Award in Robotics and Automation	None

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Osamu Fukuda 5-524-106, Matsushiro Tsukuba, Ibaraki 305- 0035 Japan	\$250	2003 King- Sun Fu Memorial Best Transactions Paper Award	None
Toshio Fukuda Department Micro-System Engineering Nagoya University Chikusa- Ku, Nagoya 464- 8603 Japan	\$500	2004 Pioneer in Robotics and Automation Award	None
Makoto Kaneko 1-4-1Kagamiyama Higashi, Hiroshima 739- 8527	\$250	2003 King- Sun Fu Memorial Best Transactions Paper Award	None
David E. Orr 3640 Monahan Lane Dublin, OH 43016	\$1,000	2004 RAS Distinguished Service Award	None
Akira Otsuka 3-22-14 Nishi-machi Fukuyama, Hiroshima 720-0067	\$250	2003 King- Sun Fu Memorial Best Transactions Paper Award	None
Paolo Pirjanian 1731 Golf Club Dr Glendale, CA 91206	\$500	2004 Industry Career Award in Robotics and Automation	None
Toshio Tsuji 1-8-9, Nishi- osawa Higashi-hiroshima, Hiroshima 739- 0037 Japan	\$250	2003 King- Sun Fu Memorial Best Transactions Paper Award	None
Katsu Yamane 6-9-12-511 Minami Hatogaya, Saitama 334-0013 Japan	\$250	2004 Early Academic Career Award in Robotics and Automation	None
Yuan F. Zheng Department of Electrical Engineering 2015 Neil Avenue Columbus, OH 43210-1272	\$1,000	2004 RAS Distinguished Service Award	None
Parham Aarabi 909 Bay Street Apt 1505 Toronto, Ontario M5S 3G4	\$1,000	IEEE Education Society Mac Van Valkenburg Early Career Teaching Award	None
Andrew Marvin 2 Deans Close Bishopthorpe York, YO23 2QZ United Kingdom	\$200	IEEE EMC Transactions Award	None
Martin Robinson 13 Fulford Cross York YO10 5DD United Kingdom	\$200	IEEE EMC Transactions Award	None
Andrew Rowell 7 Wilsthorpe Grove York YO10 4HU United Kingdom	\$200	IEEE EMC Transactions Award	None

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J L Norman Violette 6927 Tyndale St McLean, VA 22101	\$1,000	IEEE EMC Society Richard R. Stoddart Award	None
Thorsten Meinl Ringstrasse 11 Adelsdorf 97325 Germany	\$200	IEEE International Conference on Systems Man and Cybernetics Best Student Award	None
James M Tien Rensselaer Polytechnic Institute 110 Eighth St Troy, NY 12180-3590	\$2,000	IEEE SMC Norbert Wiener Award	Related
Hsing Chung Chang 9/ 21 Waratah Ave Randwick, New South Wales 2031 Australia	\$500	IEEE GRSS 2004 Student Prize Paper Award - 1st Place	None
Elise Colin 1 Place Rabelais Villebon sur Yvette 91140 France	\$250	2004 IEEE Transactions Prize Paper Award	None
Tanre Didier 256 Avenue de Brigode Villeneuve D'Asco 59650 France	\$250	2004 IEEE Transactions Prize Paper Award	None
John Dugan 161 Green St. Annapolis, MD 21401	\$1,000	2004 IEEE Symposium Prize Paper Award	None
Yoram J Kaufman 13114 Broadmore Rd Silver Spring, MD 20904	\$250	2004 IEEE Symposium Prize Paper Award	None
Erica Lenore Key 2738 SW 20th Street Miami, FL 33145-2302	\$300	IEEE 2004 Student Prize Paper Award - 2nd Prize	None
Jean Francois Leon 100 Rue de Douai Lille 59000 France	\$250	GRS029 2004 Transactions Prize Paper Award	None
Pierfrance Lombardo Via della Balduina 128 Rome 00136 Italy	\$250	GRS029 2004 Transactions Prize Paper Award	None
Marco Meloni Via Cesare Beccaria 8 Fonte Nuova, Rome 00010 Italy	\$250	GRS029 2004 Transactions Prize Paper Award	None
Tobias Mette UNERTLST R. 16 Muen Chen 80803 Germany	\$200	GRSS 2004 Student Prize Paper Award - 3rd Prize	None
Christopher Oliver Tudor Oaks, Bosbury Road, Cradley Nera Malvern, Worcs. WR13 5LU United Kingdom	\$250	GRS029 2004 Transactions Prize Paper Award	None

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Tiziana Pellizzeri Via Riccardo Forster 124 Rome 00143 Italy	\$250	GRS029 2004 Transactions Prize Paper Award	None
Jacques Pelon 44 Rue Emile LE PEU Paris 75011 France	\$250	GRS029 2004 Symposium Prize Paper	None
Walid Tabbara SUPELEC/LSS-DRE Plateau de Moulon Gif sur Yvette 91192 France	\$250	GRS029 2004 Transactions Prize Paper Award	None
Cecile Titin Schnaider 9 Rue des Vignes Fontenay Les Bruns, France 91640	\$250	GRS029 2004 Transactions Prize Paper Award	None
Saeed UL Haq Unit 207 Waterloo, Ontario N2L 3G5 Canada	\$5,000	IEEE DEIS Student Fellowship	None
M A. Abido King Fahd Univ, of Petroleum Minerals, Box 183 & Min Dhahran 31261 Saudi Arabia	\$50	IAS Industrial Automation and Control Committee's First Prize Paper	None
Hirofumi Akagi Department of Electrical Engineering Okayama University 3-1-1 Tsushima- Naka Okayama City 700-8530 Japan	\$3,000	ISA 2004 Outstanding Achievement Award	None
M. Dayne Aldridge 669 River North Blvd Macon, GA 31211	\$2,000	IAS 2004 Distinguished Service Award	None
Pierre Atten 59 Domaine Saint- Hughes Saint- Egreve 38120 France	\$33	IAS Electrostatic Processes Committee Innovation and Creativity Prize	None
Steffen Bernet Im Degen 14 Bammental 69245 Germany	\$100	2004 IAS Industrial Power Converter 2nd Prize	None
David M Bezesky 219 Grey Owl Pass Brookings, SD 57006	\$250	IAS Magazine Prize Award - 1st Place	None
Jeff Connors 206 N. Segoe Rd Apt 8a Moison, WI 53705	\$25	2004 IAS Industrial Power Converter Committee 3rd Prize	None
Lucian Dascalescu 49 Square Saint Germain Saint Germaine en Laye 78100 France	\$33	Electrostatic Processes Committee James Melcher Prize Award	None

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Hisahiro Einaga 1-603-612 Azuma Tsukuba, Ibaraki 305- 0031 Japan	\$33	IAS Electrostatic Processes Committee Innovation and Creativity Prize	None
Shigeru Futamura 5-726-1 Matsushiro Tsukuba, Ibaraki 305-0035 Japan	\$33	IAS Electrostatic Processes Committee Innovation and Creativity Prize	None
Kenji Hiramoto Royale Chateau B201, 301 Todagai Nagakute, Aichi 480- 1192	\$63	IAS Electric Machines Committee Prize Paper Award	None
David B Hyypio 6205 Caseyrae Ct Weston, WI 54476	\$350	IAS Electric Machines Committee Prize Paper Award	None
Alexandria Iuga 2 Mehedintii Street Suite 25 Cluj- Napoca 400669 Romania	\$33	IAS Electrostatic Processes Committee James Melcher Prize Paper Award	None
Seong- il Jeong 8471 Charmed Days Laurel, MD 20723	\$33	Electrostatic Processes Committee Innovation and Creativity Prize	None
Hajime Kabashima Mihara 2-8-22 Nishibaraki- gun Tomobe-m Ibaraki 309-1704 Japan	\$33	IAS Electrostatic Processes Committee Innovation and Creativity Prize	None
Scott Kreitzer 7301 Welbeck Drive Mainville, OH 45039	\$250	IAS Magazine Prize Article Award - 1st Place	None
Tomoyuki Kuroki 1-6-21-106 Hirata Ibaraki, Osaka 567- 0845 Japan	\$20	IAS Processes Committee Prize Paper Award 2004	None
R. D. Lorenz 6330 Woodington Way Madison, WI 53711	\$25	IAS Industrial Power Converter Committee - 3rd Prize Award	None
Shigeo Morimoto 1-5-2-2-407 Mitsuishida Hashimoto, Wakayama 648- 0094 Japan	\$63	IAS Electric Machines Committee Prize Paper Award	None
Charles Mozina 4417 Worthington Circle Palm Harbor, FL 34685	\$150	IAS Magazine Prize Article Award - 2nd Place	None
Dustin Alan Murdock W8231 Oak Ave Shawand, WI 54166	\$25	IAS Industrial Power Converter Committee Prize Paper Award - 3rd Prize	None

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Daniel R Neeser 12129 Wesland Dr. Maryland Heights, MO 63043	\$500	IAS Outstanding Young Member Award	None
Masaya Nishino 9/ 7 Sabi Tondabayashi City, Osaka T584- 0052 Japan	\$20	IAS Electrostatic Processes Committee Prize Paper Award 2004	None
Masaaki Okubo 1-1 Gakuen- cho Sakai 5998531 Japan	\$20	IAS James Melcher Prize Paper Award 2004	None
M Azizur Rahman 19 Johnson Cres St. John's, New Foundland A1B 2J3 Canada	\$50	IAS Industrial Automation and Control Committee's 1st Prize Paper	None
B.S. Rajanikanth Assoc Prof, Department of High Voltage ENGG India Institute of Science, Bangalore India 560012	\$20	IAS Electrostatic Processes Committee Prize Paper Award 2004	None
Alfred C Rufer Chemin du College C5 Villars- Sous-Yens CH 1168 Switzerland	\$250	IAS Industrial Power Converter Committee Prize Paper Award - 1st Prize	None
Masayuki Sanada 4005-1-507 Fukaishimizu-cho Sakai, Osaka 599-8273 Japan	\$63	IAS Electric Machines Committee Prize Paper Award	None
Yoji Takeda 1-23-23 Nishikori- kita Tondabayashi, Osaka 584-0063 Japan	\$63	IAS Electric Machines Committee Prize Paper Award	None
Ralph Teichmann 13 Riverwalk Way Cohoes, NY 12047	\$100	IAS Industrial Power Converter Committee 2004 2nd Prize Award	None
Mohammad Nasir Uddin 248 Cedarview Bay Thunder Bay, ON P7B6Z6 Canada	\$50	IAS Industrial Automation and Control Committee's 1st Prize Paper	None
Martin Veenstra Avenue de Montchoisi 1 Lausanne 1006 Switzerland	\$250	IAS Industrial Power Converter Committee Prize Paper Award - 1st Prize	None
Simona Vlad Echternachlaan 574 Eindhoven 5625 KH Netherlands	\$33	IAS Electrostatic Processes Committee James Melcher Prize Paper Award	None
Dushan Boroyevich 423 Seminole Dr Blacksburg, VA 24060	\$50	IEEE Power Electronics Society Transactions Prize Paper Award	None
Heping Dai 4428 Riptide Lane Plano, TX 75024	\$50	IEEE Power Society Transactions Prize Paper Award	None

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Arthur W Kelley 800 Willow Run Drive Raleigh, NC 27615	\$3,500	2004 Electronics Society Distinguished Service Award	None
Russel J Kerkman Marshall& Ilsley Bank 770 N Water St Milwaukee, WI 53202	\$75	2004 Power Electronics Society Transactions Prize Paper Award	None
Philip Kjaer P P. Orumsgade 36, 1 t.v. Arhus C DK-8000 Denmark	\$1,500	2004 Richard M. Bass Outstanding Young Power Electronics Engineer Award	None
Fred C. Lee 340 Whittemore Hall Blacksburg, VA 24061-0111	\$50	2004 Power Engineering Society Transactions Prize Paper Award	None
David Leggate 14065 W. Fieldpointe Dr. New Berlin, WI 53151	\$75	2004 IEEE Power Society Transactions Prize Paper Award	None
Dengming Peng 2355 Lara Lane Stevensville, MI 49127	\$50	2004 IEEE Power Society Transactions Prize Paper Award	None
David Perreault 78 Fuller St. Brookline, MA 02446	\$150	2004 Power Electronics Society Transactions Prize Paper Award	None
Joshua W Phinney 324 Highland Ave #1 Somerville, MA 02144	\$150	2004 Power Electronics Society Transactions Prize Paper Award	None
M.Azizur Rahman 19 Johnson Cres St. John's, New Foundland A1B 2J3 Canada	\$5,000	2004 William E. Newell Power Electronics Award	None
David W Schlegel 3391 Highway I Saukville, WI 53080	\$75	2004 Power Engineering Society Transactions Prize Paper Award	None
Craig Winterhalter N62 W4909 Cedar Reserve Circle Cedarburg, WI 53012	\$75	2004 Power Electronics Society Transactions Prize Paper Award	None
Jia Wu 530 Skyline Dr #124 Dracut, MA 01826	\$50	2004 Power Electronics Society Transactions Prize Paper Award	None
Kun Xing 105 Littleford LN Cary, NC 27519	\$50	2004 Power Engineering Society Transactions Prize Paper Award	None

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Konstantin Likharev 12 Kennedy Road Port Jefferson Station, NY 11776	\$5,000	IEEE Council on Superconductivity Award	None
Alfred D McInturff 2941 Mockingbird Ln Midlothian, TX 76065-4723	\$5,000	IEEE Council on Superconductivity Award	None
John M Rowell 102 Exeter Drive Berkeley Heights, NJ 07922	\$5,000	IEEE Council on Superconductivity Award	None
Shoji Tanaka 2-5-26 Ichigaya-kaga-cho Shinjuku-ku Tokyo 162-0062 Japan	\$5,000	IEEE Council on Superconductivity Max Swerdlow Award for Sustained Service	None
S. Lakshminarayanan 20800 Homestead Road #14E Cupertino, CA 95014	\$167	2003 T- SM Best Paper Award Winner	None
Jayanthi Pallinti 4504 Carlyle Court #662 Santa Clara, CA 95054	\$167	2003 T- SM Best Paper Award Winner	None
Peter Wright 1243 Rousseau Dr Sunnyvale, CA 94087	\$167	2003 T- SM Best Paper Award Winner	None
Kenneth R Laker 1312 Heller Drive Yardley, PA 19067	\$5,000	2004 IEEE Richard M. Emberson Award	None
Historical Electronics C/O Chester Kelly PO Box 746 MS 4015 Baltimore, MD 21203	\$10,000	MTT Donation	None
Amy Droitcour 275 Hawthorne Ave #146 Palo Alto, CA 94301	\$6,000	MTT017 2004 Graduate Fellowship Award	None
Lukasz Kulas ul. Rozana 11/5 Ketrzyn, Warminsko- Mazurskie 11-400 Poland	\$6,000	MTT017 2004 Graduate Fellowship Award	None
Lora Schulwitz 7410 McCarty Rd Saginaw, MI 48603	\$6,000	MTT017 2004 Graduate Fellowship Award	None
Grant Shiroma 112 S School St #209 Honolulu, HI 96613	\$6,000	MTT017 2004 Graduate Fellowship Award	None

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Yum Tsz Yin 501, Blk 46, Heng Fa Chuen Chai Wan, SAR 0000 Hong Kong	\$6,000	MTT017 2004 Graduate Fellowship Award	None
Jun Zhao 1776 Liberty Ln Apt. D43 Blacksburg, VA 24060	\$6,000	MTT017 2004 Graduate Fellowship Award	None
Piotr Andrzej Habas Zastepowa 2 Warszawa 03-653 Poland	\$3,600	Stipend for CI and Multimedia Effective Information Delivery	None
Metin Akay 267 Crosspointe Dr East Brunswick, NJ 08816	\$1,200	Student Travel Grant for IEEE EMBS Biocomplexity Summer School	None
Bio Engineering Society NDSU Depart. of Electric & Computer Engineering Fargo, ND 58105	\$300	Honorarium for EMBS Outstanding Performance Award for Student Clubs/ Chapters	None
Etienne Roux 14 Impasse Bellevue Saint Renan 29290 France	\$1,500	Travel Grant for Student Internship	None
Madiha Jafri 808 W. 48th St Norfolk, VA 23508	\$900	IEEE Electromagnetic Compatibility Society Best Student Paper Award 2004	None
Wes Williams 1817 Tillery Square Lane Knoxville, TN 37912	\$300	IEEE EMC Best Student Design Award at 2004EMC Symposium	None
Coalition for Plasma Science Gerry Rogoff Coalition Chairman P.O. Box 2973 Framingham, MA 01703	\$5,000	NPS Donation	None
Harvey A. Freeman PO Box 506 Hopkins, MN 55313-0506	\$1,000	IEEE Communications Society 2004 Donald McLellan Meritorios Service Award	None
Hussein T. Mouftah University of Ottawa/ EITI- SITE 800 King Edward Ave Ottawa, Ontario K1N 6N5 Canada	\$2,000	IEEE Communications Society 2004 Edwin Howard Armstrong Achievement Award	None
Shlomo Shama Department of Electrical Engineering Technion- Israel Institute of Technology Technion City, Haifa 32000 Israel	\$500	2004 Comsoc IT Joint Paper Award	None
Peter Jeffrey Smith 10 Braco Place, Ilam Christchurch, New Zealand	\$200	IEEE Communications Society Best Tutorial Paper Award	None

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Ki- Dong Lee 114 Chook- Hyeon 3-Ree, Tan-Hyeon Myeon Paju- City, Kyeong- Gi 413- 840 Republic of Korea	\$250	Outstanding Asia Pacific Young Research Award	None
Jia- Chin Lin No. 301 University Road Puli, Nantou 545, R O C. Taiwan	\$250	AP Outstanding Researcher Award	None
Qian Zhang 130 Buckeye Branch Athens, GA 30605	\$500	Best AP Young Researcher Award	None
Naoki Wakamiya 4-9-18 Hanjo Mino, Osaka 562-0044 Japan	\$250	Outstanding AP Young Researcher Award	None
Ramamoorthy Aditya 1263 Barry Ave. Apt 1 Los Angeles, CA 90025	\$1,000	ICC 2004 Student Travel Grant	None
Raul Almeida Jr. 1263 Barry Ave. Apt. 1 Los Angeles, CA 90025	\$1,000	ICC 2004 Student Travel Grant	None
Dogu Arifler 7600 Wood Hollow Dr No.104 Austin, TX 78731	\$1,000	ICC 2004 Student Travel Grant	None
Urtzi Ayesta Imposse du Tanagra Res le Sarenne Bat A Antibes 06600 France	\$1,000	INFOCOM Student Travel Grants 2004	None
Greg Bernstein 41095 Canyon Heights Dr. Fremont, CA 94539	\$333	IEEE Communications Society Publications Exemplary Service Award	None
Emre Celebi 179 Gelston Avenue Apt. 3D Brooklyn, NY 11209	\$200	IEEE Communications Society Publications Exemplary Service Award	None
Xiaolin Chang Tower A, 102B Hong Kong Univ.of Science &Technology Hong Kong, China	\$1,000	ICC 2004 Student Travel Grant	None
Zhuo Chen 29 Newington Road Marrickville NSW 2204, Australia	\$1,000	2004 WCNC Student Travel Grant	None
Jeong- woo Cho Department of EECS, KAIST 373-1 Guseong- dong Yuseong- gu Daejeon 305-701 Republic of Korea	\$1,000	Student Travel Grant for Globecom 2004	None

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Jihwan P. Choi 71 Fulkerson St. 110 Cambridge, MA 02139	\$1,000	ICC 2004 Student Travel Grant	None
Florence Clevenot Residence St. Exupery Apt. 407 Carredour Pompidou Valbonne 06560 France	\$1,000	Infocom Student Travel Grants 2004	None
Lorenzo Colitti Viale Dell' Umanesimo 47 Roma 00144 Italy	\$1,000	NOMS 2004 Student Travel Grant	None
Ivan Cosovic Vladimira Tomanovica 49 Belgrade 11000 Serbia- Montenegro	\$1,000	ICC 2004 Student Travel Grant	None
Razvan Cristesco Rionza 21 Apt 32 Renens 1020 Switzerland	\$1,000	Infocom Student Travel Grants 2004	None
Frank Dabek 32 Vassar St Room 326-980 Cambridge, MA 02139	\$500	IEEE Communications Society Publications Exemplary Service Award	None
Elza Erkip Department of ECE- MS 366 6100 S Main Street Rice University Houston, TX 77005	\$333	IEEE Communications Society Publications Exemplary Service Award	None
David Gesbert 28 Rue Auber Nice 06000 France	\$200	IEEE Communications Society Publications Exemplary Service Award	None
Georgios Giannakis 20 Second Street Apt 1508 Minneapolis, MN 55413	\$333	IEEE Communications Society Publications Exemplary Service Award	None
Long Hai Room 401, No 144 Lane 1498 Yunchuan Road Baoshan District, Shanghai 201901 China	\$1,000	ICC 2004 Student Travel Grant	None
Zlatokrilov Haim Burla 3, Apt. 2 Tel- Aviv 69364 Israel	\$1,000	Infocom Student Travel Grants 2004	None
Ian David Holland 11 McWhae Gardens Bayswater, Western Australia 6053 Australia	\$20	Student Travel Grant	None
Ian David Holland 11 McWhae Gardens Bayswater, Western Australia 6053 Australia	\$1,000	Student Travel Grant for Globecom 2004	None

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Mohammed Mahfuzul Islam Vill. Munshinangla, P O Boiradanga P S Melandah, Dist. Jamalpur 2010 Bangladesh	\$1,000	ICC 2004 Student Travel Grant	None
Jazilah Jamaluddin Department of Communication Systems Lancaster University Lancaster LA 1 4YR United Kingdom	\$1,000	WCNC 2004 Student Travel Grant	None
Nihar Jindal 1600 Royal Ave San Mateo, CA 94401	\$1,000	ICC 2004 Student Travel Grant	None
Chang Yong Jung Department of EECS, KAIST 373-1 Guseongdong yousunggu Daejeon, Democratic People's Republic of Korea	\$1,000	WCNC 2004 Student Travel Grant	None
Ashok Kumar Karmokar 202- 8644 French Street Vancouver, BC V6P 4W6 Canada	\$1,000	ICC 2004 Student Travel Grant	None
Akshay Kashyap Coordinated SC Lab 1308 W Main St. Urbana, IL 61801	\$1,000	ICC 2004 Student Travel Grant	None
Ahmad Khoshnevis 1301 Richmond Ave Apt L-5 Houston, TX 77006	\$1,000	ICC 2004 Student Travel Grant	None
Ezzat Kirmani 1630 Chicago Ave. Apt. 709 Evanston, IL 60201- 4582	\$1,000	NOMS 2004 Student Travel Grant	None
Ioannis Krikidis 46. rue Barrault Paris 75634 France	\$1,000	2004 WCNC Student Travel Grant	None
Johan Kristiansson Humlevagen 18 Lulea 975 96 Sweden	\$1,000	2004 WCNC Student Travel Grant	None
Neha Kumar CIT- 21 Moti Bagh New Delhi 110021 India	\$1,000	Student Travel Grant for Globecom 2004	None
Hyang - Won Lee Department of EECS, KAIST 373-1 Guseong- dong, Yuseong- gu Daejeon 305- 701 Republic of Korea	\$1,000	Student Travel Grant for Globecom 2004	None

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Hye Jeong Lee Department of EE, KAIST 373-1 Guseong-dong, Yuseong-gu Daejeon, 305-701 Republic of Korea	\$1,000	ICC 2004 Student Travel Grant	None
Jang Won Lee 113 Nimitz Dr Apt.7 West Lafayette, IN 47906	\$1,000	Infocom Student Travel Grant 2004	None
Yong Shyang Liew 3 Edgeworth Street Prospect, South Australia 5082 Australia	\$1,000	ICC 2004 Student Travel Grant	None
David Liben Nowell 197 Green St. #1 Cambridge, MA 02139	\$500	IEEE Communications Society Publications Exemplary Service Award	None
Shunan Lin 1925 Eastchester Rd Apt 14H Bronx, NY 10461	\$200	IEEE Communications Society Publications Exemplary Service Award	None
Amime Maaref 1714 Saint Denis Apt 214 Montreal, Quebec H2X 3K6 Canada	\$1,000	Student Travel Grant for Globecom 2004	None
Renato Machado GPqCom/EEL/CTC/ UFSC- Capus Universitario- Trindade Florianopolis 88040900 Brazil	\$1,000	2004 WCNC Student Travel Grant	None
Shiwen Mao 340 Whittemore Hall (0111) Virginia Tech Blacksburg, VA 24061	\$200	IEEE Communications Society Publications Exemplary Service Award	None
Matthew McKay 4/17 Hampden Road Artarmon, NSW 2064 Australia	\$1,000	Student Travel Grant for Globecom 2004	None
Lotfi Mhamdi University App. Tower A Room 605C HKUST Kowloon, NT 2000 Hong Kong	\$1,000	ICC 2004 Student Travel Grant	None
Nicolas Montavont 10 rue du Fosse des Treize Strasbourg 67 000 France	\$1,000	2004 WCNC Student Travel Grant	None
Ayman F Naguib 102 Willow Grove Drive Lincroff, NJ 07738	\$200	IEEE Communications Society Publications Exemplary Service Award	None
Zohar Naor Hovevey Zion 34 Hedera 38428 Israel	\$1,000	Infocom Student Travel Grant 2004	None

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Ricardo Neisse 366 Felipe Camarao St Apt 31 Porto Alegre 90035- 140 Brazil	\$1,000	NOMS 2004 Student Travel Grant	None
Boon Loong Ng 25/70 O' Shanassy St. North Melbourne, Victoria 3051 Australia	\$1,000	ICC 2004 Student Travel Grant	None
Daniel Cavas Otero Rua Alberto de Campos 67/ 104 - Ipanema Rio de Janeiro/ RJ 22411-030 Brazil	\$1,000	2004 WNCN Student Travel Grant	None
Shivendra Singh Panwar CATT Polytechnic University 6 Metrotech Center Brooklyn, NY 11201	\$200	IEEE Communications Society Publications Exemplary Service Award	None
George Manni Porter 1130 Keeler Ave #B Berkeley, CA 94708	\$1,000	NOMS 2004 Student Travel Grant	None
Bala Rajagopalan 85 Ketcham Rd. Belle Mead, NJ 08502	\$333	IEEE Communications Society Publications Exemplary Service Award	None
Victor M Ramos 17, bld. Bijou Plage Juan les Pins 06160 France	\$1,000	Infocom Student Travel Grant 2004	None
Zhang Rui National University of Singapore Electrical Engineering 19 College Green Singapore 299678 Singapore	\$1,000	ICC 2004 Student Travel Grant	None
Debanjan Saha IBM Research 1774 Casey Ct Mohegan Lake, NY 10547	\$333	IEEE Communications Society Publications Exemplary Service Award	None
Andrew Sendonaris 33A Ancient Solon Str, Aglandzia 2113 Nicosia, Cyprus	\$333	IEEE Communications Society Publications Exemplary Service Award	None
Sana Sfar Tower A- 108 D HK University of Science & Technology Clear Water Bay, Kowloon China	\$1,000	Student Travel Grant for Globecom 2004	None
Mansoor Shafi 44 Para Street, Miramar Wellington, New Zealand	\$200	IEEE Communications Society Publications Exemplary Service Award	None

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Cong Shen Room 550 Building 14 Tsinghua University Beijing 100084 China	\$1,000	Student Travel Grant for Globecom 2004	None
Song Shenhui Department of EE City U of HK 83 Tat Chee Avenue Kowloon, Hong Kong Hong Kong	\$1,000	ICC 2004 Student Travel Grant	None
Min Su Shin Department of EECS, KAIST 373-1 Guseong-dong, Yuseong-gu Daejeon 305-701 Republic of Korea	\$1,000	Student Travel Grant for Globecom 2004	None
Da-shan Shiu 6351 Bollinger Road Cupertino, CA 95014	\$200	IEEE Communications Society Publications Exemplary Service Award	None
Jin Shuyuan PQ831 Department of Computing Hong Kong Polytechnic University HongKong, Kowloon Hong Kong, China	\$1,000	ICC 2004 Student Travel Grant	None
Constantine Sirteanu 2- 374 Barrie St Kingston, Ontario K7K 3T4 Canada	\$1,000	ICC 2004 Student Travel Grant	None
Vladimir Stojanovic 73 Barnes Ct. Apt. B Stanford, CA 94305	\$1,000	ICC 2004 Student Travel Grant	None
Hui Kai Su No 102 Junglin Li, Daliden, Chia Chia- Yi, Taiwan 622 China	\$1,000	ICC 2004 Student Travel Grant	None
Desmond P. Taylor 5 Ilfracombe Pl Christchurch New Zealand	\$1,000	IEEE Communications Society Publications Exemplary Service Award	None
Omesh Tickoo 23 Prospect Ave #1 Troy, NY 12180	\$1,000	ICC 2004 Student Travel Grant	None
Yui Ming Tsang Flat C Floor 16 Block 2 Metropolis Plaza Sheung Shui, N T Hong Kong	\$1,000	ICC 2004 Student Travel Grant	None
Lih Feng Tsaur 2 Scripps Aisle Irvine, CA 92612	\$1,000	Infocom Student Travel Grant 2004	None
Pisit Vanichchanunt 301/9 Sukhumvit 71 Rd, Vadhana District Bangkok 10110 Thailand	\$1,000	Student Travel Grant for Globecom 2004	None

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Vinod Vokkarane 1513 Endicott Dr Plano, TX 75025	\$1,000	ICC 2004 Student Travel Grant	None
Yao Wang Department of Electrical Engineering Polytechnic University 333 Jay St Brooklyn, NY 11201	\$200	IEEE Communications Society Publications Exemplary Service Award	None
Zhengdao Wang 220 Raphael Ave. #3 Ames, IA 50014	\$333	IEEE Communications Society Publications Exemplary Service Award	None
Robert Wilson 1146 W. 30th St. Los Angeles, CA 90007	\$1,000	ICC 2004 Student Travel Grant	None
Yan Xin 4 Pine Tree Drive Apt 132 Arden Hills, MN 55112	\$333	IEEE Communications Society Publications Exemplary Service Award	None
Woon Young Yeo Department of EE, KAIST, 373-I Guseong-dong, Yuseong-gu Daejeon 305- 701 Republic of Korea	\$1,000	ICC 2004 Student Travel Grant	None
Taasang Yoo 340 Packard Building 350 Serra Mall Stanford, CA 94305	\$1,000	ICC 2004 Student Travel Grant	None
Ossama M Younis 250 N University St West Lafayette, IN 47907-2066	\$1,000	Infocom Student Travel Grant 2004	None
Cho Chia Yuan Apt. Blk. 124, Paya Lebar Way #17-2923 Singapore 381124 Singapore	\$1,000	Student Travel Grant for Globecom 2004	None
Andrew Zalesky 259 Rollins Road Lovely Banks, Victoria 3221 Australia	\$1,000	ICC 2004 Student Travel Grant	None
Pirouz Zarrinkhat 1801- 1375 Prince of Wales Dr. Ottawa, Ontario K2C 3L5 Canada	\$1,000	ICC 2004 Student Travel Grant	None
Jinhua Zhu 4038 Bailey Ave Buffalo, NY 14226	\$1,000	Infocom Student Travel Grant 2004	None
Yun Zhu Room 5-405 #1 Mu Zhong Road Nanjing, Jiangsu 210014	\$1,000	2004 WCNC Student Travel Grant	None

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Fang Zuyuan School of Computer Huazhong University of Science and Technology Wuhan, Hubei 430074 China	\$1,000	ICC 2004 Student Travel Grant	None
University of Arkansas Head Serials Department MULN 214B Fayetteville, AR 72701-1201	\$1,000	IEEE CPMT Society Chapter Subsidy 2004 for Student Branch Chapter	None
Nabil Khalid Al Dabal Saudi Aramco Box 2640 Dhahran 31311 Saudi Arabia	\$250	RAB Achievement Award 2003	None
Elisa Barney Smith 4432 S Silverwood Pl. Boise, ID 83716- 6635	\$500	RAB Leadership Award 2003	None
Hugo M Fernandez- Verstegen Olazabal 2737 - 5th Floor Buenos Aires, Argentina 1428	\$1,000	RAB Larry K. Wilson Award 2003	None
Jorge M. Hedderwick Billinghurst 2325 6 degree A Buenos Aires, 1425 Argentina	\$250	RAB Achievement Award 2003	None
Jorge Him Apartado 100 Zona 1 Panama City, Panama	\$250	RAB Achievement Award 2003	None
Juan Carlos Miguez C/O Guillermo Ferla 48 Pasture Rd Reading, MA 01867	\$1,000	RAB Innovation Award 2003	None
Duane Ripperger 6413 Hinsdale Amarillo, TX 79109	\$500	RAB Leadership Award 2003	None
Javier Ruiz del Solar Av Tupper 2007 Santiago, Chile 837-0451	\$250	RAB Achievement Award 2003	None
Zuwarie Ibrahim Institute of Applied DNA Computing Meiji University 1-1-1 Higashi- Mita, Tama- ku Kawasaki- shi, Kanagawa-ken 214-8571 Japan	\$2,500	Student Travel Grants	None
Dragana Jankovic Paradijspoort 19 MA, Delft 2611 Netherlands	\$1,500	Student Travel Grants	None
Ivana Ljubic Murlingengasse 3/3/23 Wien 1120 Austria	\$2,500	Student Travel Grants	None

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Grantee and Address	Amount	Grant/Award Description	Relationship
Roberto A. Santiago 5215 SE 37th Avenue Portland, OR 97202	\$2,200	Student Travel Grants	None
Pedro Gerba de Lima R Pirandello, 709 Brooklin Sao Paulo, SP 04623-000 Brazil	\$1,300	Student Travel Grants	None
Center of Marine Research Taikos Ave. 26 Klaipeda LT- 5802 Lithuania	\$5,000	Oceanic Engineering Conference Grant	None
Association for Computing Machines/ACM 11 West 42nd Street New York, New York 10036	\$4,000	Contribution to Support Student Travel Grants	None
KTH Royal Institute of Technology Department of Teleinformatics Electrum 204 Kista 16440 Sweden	\$2,000	Winner of 2004 EDS Graduate Fellowship	None
National University of Singapore Dept of Electrical Engineering Prof. CS Chang 10 Kent Ridge Crescent Singapore 0511	\$2,000	Winner of 2004 EDS Graduate Fellowship	None
Simon Fraser University Burnaby BC V5A 1S6 Canada	\$2,000	Winner of 2004 EDS Graduate Fellowship	None
University of British Columbia 2356 Main Hall Dept. of Electrical Engineering Attn: Tim Salcudean Vancouver, British Columbia, Canada V6T 1Z4	\$2,000	Winner of 2004 EDS Graduate Fellowship	None
Mike Mannion School of Computing & Math Sciences Glasgow Caledonian University Glasgow, G3 8QD United Kingdom	\$500	Tutorial Honorarium	None
Sean Victor Hum 136 Tuscany Meadows Place NW Calgary, Alberta T3L 2R9 Canada	\$500	APS 2004 Student Paper Prize Winner - 2nd Place	None
Johnna Powell 70 Pacific St #668B Cambridge, MA 02139	\$700	APS 2004 Student Prize Winner- 1st Place	None
Ah Yilmaz 1523 Pine Valley Blvd #61 Ann Arbor, MI 48104	\$300	APS 2004 Student Paper Prize Winner - 1st Place	None

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Grantee and Address	Amount	Grant/Award Description	Relationship
Sujoy Mukherjee 19 Jubilee Park "Sarada Dham" Kolkata, West Bengal PIN- 700033 India	\$200	Honorarium for Student Paper Competition Winner	None
William S Clark 733 Altman Ct Lawrenceville, GA 30045	\$1,000	Honorarium 2004 IEEE EAB Meritorum Achievement Award in Accrediation Activities	None
Mark David Conner 1015 Melrose Palce Homewood, AL 35209	\$1,000	2004 IEEE EAB Pre- College Educator Award	None
Rebekah Gendron 2620 Maple Swamp Road North Dighton, MA 02764	\$1,000	2004 IEEE EAB Pre- College Educator Award	None
H. Vincent Poor 59 Hardy Drive Princeton, NJ 08540	\$1,000	2004 IEEE EAB Major Educational Innovation Award	None
William E. Sayle 74 Waddell St. NE Atlanta, GA 30307- 2465	\$1,000	Honorarium 2004 IEEE EAB Meritorious Achievement Award in Accrediation Activities	None
Cary Y. Yang 25721 La Lanne Ct Los Altos, CA 94022	\$1,000	Honorarium 2004 IEEE EAB Meritorious Achievement Award in Continuing Education	None
Nimish P. Ramanlal 100 St Johns Landing Dr. Winter Springs, FL 32708	\$700	ISEF 2004 1st Place	None
Zohreh Azimifar 219- 100 Seagram Drive Waterloo, Ontario N2L 3B8 Canada	\$1,000	2003 Merwin Scholarship 3rd Installment	None
Zohreh Azimifar 219- 100 Seagram Drive Waterloo, Ontario N2L 3B8 Canada	\$1,000	2003 Merwin Scholarship 2nd Installment	None
Upavan Gupta 13802 N. 42nd Street Apt # 1 103 Tampa, FL 33613	\$1,000	2003 Merwin Scholarship 2nd Installment	None
Bhavin Shastri 3547 Hutchinson Apt. # 3 Montreal, Quebec	\$500	Larson 2003 1st Place Scholarship	None
Rania Azhar Malik 955 Cobblines Tahir House Peshawar Road Qasim Market Rawalpindi, Punjab 46000 Pakistan	\$500	2003 UPE/ CS Scholarship	None

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Prashant Singh Prashant S/o Sh. Mohan Singh Anami Business Centre Jeevan Nagar Chowk, Jamalpur Area Ludhiana- 10, Punjab India	\$500	2003 UPE/ CS Scholarship	None
V V. Balaji Viswanathan 39 Third Street, Kovalan Nagar Madurai, Tamilnadu 625003 India	\$500	2003 UPE/ CS Scholarship	None
Martin Alayon Soler 4418 piso 8 Apt 34 Buenos Aires, Argentina 1425	\$650	IJCNN Travel Grants	None
Stuart Iain Bain 43 Ashford Rd Helensvale, Qld 4212 Australia	\$650	CEC Travel Grants	None
Igor Beliaev 2068 Cabana Circle North, Apt. 8 Memphis, TN 38107	\$650	IJCNN Travel Grants	None
Ying Ping Chen No 48 Xialun Rd , Wenshan District Taipei City, 116 Taiwan	\$500	CEC Travel Grants	None
Marco Cuturi 15 Rue des Grands Champs Orleans 45000 France	\$500	Student Travel Grant	None
Rameswar Debnath Vill. +P O · Shat-tala Dist Bagerhat, Bangladesh	\$650	IJCNN Travel Grants	None
Alain Deschenes 6739 Royal Oak Ave. Apt. 201 Burnaby, BC V5H 3P5 Canada	\$500	CEC Travel Grants	None
Deepak Devicharan 1 Sai Krupa 34/ 4 Prabhat Rd Pune, Maharashtra 411004 India	\$500	CEC Travel Grants	None
Sheetal Doctor 101 W 15th Street #16 Rolla, MO 65401	\$500	CEC Travel Grants	None
Michelle Galea 4/ 4 Glenogle Road Edinburgh, Scotland EH3 5HW United Kingdom	\$500	FUZZ IEEE Travel Grants	None
Suryakanth Gangashetty Dept. of Computer Science & Engineering Indian Institute of Technology Madra Madras, Tamilnadu 600 036 India	\$650	Student Travel Grant	None

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Grantee and Address	Amount	Grant/Award Description	Relationship
Michel Goldstein 21 N University Pl Apt. 3 Stillwater, OK 74075	\$500	CEC Travel Grants	None
Crina D Grosan Loc Caseru NR 225 Cluj 4662 Romania	\$650	CEC Travel Grants	None
Christian Gruber Schmiedgasse 17 Passau 94032 Germany	\$500	IJCNN Travel Grants	None
Alexander Hofmann Hindlbachstr 3 Tiefeubach 94113 Germany	\$500	IJCNN Travel Grants	None
Ziad Kobti 10539 Palms Crescent Windsor, Ontario N8R- 2E7	\$500	CEC Travel Grants	None
Antony Ming Lam 508 S Pomelo Ave # A Monterey Park, CA 91755-3516	\$650	IJCNN Travel Grants	None
Greg M Lee 11336 73 Avenue Edmonton, Alberta T6G 0C8 Canada	\$500	CEC Travel Grants	None
Sum Wai Lee Flat 2, 6/F, Kam Chi House Kam Ying Court, Ma On Shan N T	\$650	IJCNN Travel Grants	None
Luis Mendonca Av. Rovisco Pais Lisbon 1049 001 Portugal	\$500	FUZZ IEEE Travel Grants	None
Behzad Mesgarzadeh Arrendegatan 104 Linkoping 583 31 Sweden	\$500	FUZZ IEEE Travel Grants	None
Mehmet Muezzinoglu 1671 Sokak No: 117/2- 8 Karsiyaka Izmir 35530 Turkey	\$650	IJCNN Travel Grants	None
Kaname Narukawa 1-1 Gakuen- chou Sakai, Osaka 599- 8531	\$650	CEC Travel Grants	None
Giuseppe Nicosia Via Spina 15 Catania 95125 Italy	\$650	CEC Travel Grants	None
Mihai Nicola Oltean Loc Cugir, Str. Strandului Nr. 5 Alba, Romania	\$650	CEC Travel Grants	None

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Grantee and Address	Amount	Grant/Award Description	Relationship
Iosif Viorel Onut Str Stefan Cel Mare no 4 Hunedoara, jud Hunedoara 2750 Romania	\$650	IJCNN Travel Grants	None
Ihor Paluy 2 Konovaltsya Street Apt. 56 Ternopil, Ternopil region Ukraine 46020	\$500	Student Travel Grants	None
Bin Peng #47 Yan He Road Hu Bei, Xiao Chang 432900 China	\$500	CEC Travel Grants	None
Justin Schonfeld 1006 Lincoln Way #106 Ames, IA 50010	\$500	CEC Travel Grants	None
Yin Shan 17/ 6 Edmondson St Campbell Canberra 2600 Australia	\$650	CEC Travel Grants	None
Wayne H Slade Jr. 10 Airedale Place Bagor, ME 04401	\$500	CEC Travel Grants	None
Rene Thomsen Roerth Ellevej 3, Roerth Odder 8300 Denmark	\$650	CEC Travel Grants	None
Ester Van Broekhoven Meersstraat 93 Gent, Oost- Vlaanderen 9000 Belgium	\$500	FUZZ IEEE Travel Grants	None
Andy Verkeyn Lucas de Heerestraat 26 Gent, O.-VI. B-9000	\$500	FUZZ IEEE Travel Grants	None
Oana Voroneanu SOS. ARCU, No.23, Bl. C13, Apt 38 Iasi 700132 Romania	\$500	Student Travel Grant	None
Manolis Wallace 45 Achilleos Str. Kallithea, Attika 176 74 Greece	\$500	FUZZ IEEE Travel Grants	None
Di Wang #04- 29, 50 Nanyang Crescent Singapore 637598 Singapore	\$650	IJCNN Travel Grants	None
Christopher White 2231 Dawn Marie Dr Oklahoma City, OK 73112	\$500	CEC Travel Grants	None

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Grantee and Address	Amount	Grant/Award Description	Relationship
Yunfeng Wu No 1 Student Apt. Xi Tu Cheng Road 1 Beijing 100876 China	\$650	IJCNN Travel Grants	None
Haluk Yapicioglu Kuzgun Sokak 3/ 20 A Ayranci Ankara 06540 Turkey	\$500	CEC Travel Grants	None
Tarek Ahmed 13 El- Kawmia El- Arabia Street Mashaal Giza, Egypt	\$500	Student Travel to IECON - 2004	None
Rosario Attanasio Via Galermo 105 Ceitan a Italy, 95123 Italy	\$500	Student Travel to IECON - 2004	None
Jose Ignacio Leon Galvan C/Mar Egeo 8 4A Serville, Seville 41008 Spain	\$500	Student Travel to IECON - 2004	None
Karan Joshi 31 Maple Street #D Potsdam, NY 13676	\$500	Student Travel to IECON - 2004	None
Tan Yen Kheng 33- C Charlton Road Singapore 539601 Singapore	\$500	Student Travel to IECON - 2004	None
Arbind Kumar Vill- Kandhaiya P O. Gulabpur (Bakewar) Distt - Etawah, Uttar Pradesh PIN- 206124 India	\$500	Student Travel to IECON - 2004	None
Thip Manmek 3/ 131 Moobanchaiyapuk Ramntra Road Bangkhen, Bangkok 10220 Thailand	\$500	Student Travel to IECON - 2004	None
Weidong Xiao 2755 Melfa Court Vancouver, BC V6T1N3 Canada	\$500	Student Travel to IECON - 2004	None
Mohammed Zak Youssef 47 Van Order Drive, Apt# 3201 Kingston, Ontario K7M1B6 Canada	\$500	Student Travel to IECON - 2004	None
Alexis Lussier Desbiens 1235 Saint- Edouard Plessisville, Quebec G6L 2K1 Canada	\$500	Student Travel Grant	None
Faith Camci 275 E Tamu Cr #203 Westland, MI 48186	\$650	Student Travel Grant	None

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Hoi Chu Hong RM933 Ho Sin-Hang Engineering Edg Chinese University of Hong Kong Shatin, Hong Kong Hong Kong, SAR Hong Kong	\$650	Student Travel Grant	None
Zhang Kun Rm 1013, Department of Computer Science & Engineering HSB Building, The Chinese University of Hong Kong Shatin, Hong Kong China	\$650	Student Travel Grant	None
Pasi Luukka Punkkerikatu 8 A 5 Lappeenranta 583850 Finland	\$650	Student Travel Grant	None
Changyin Sun College of Electrical Engineering Hohai Univ Nanjing 210098 China	\$650	Student Travel Grant	None
David Wesle DiSanto 5909 Lincoln St. Vancouver, BC V5R 4P8	\$5,000	2004 EDS Graduate Student Fellowship	None
David Llewellyn John 3528 West 11th Avenue Vancouver, British Columbia V6R 2K2	\$5,000	2004 EDS Graduate Student Fellowship	None
HongYu Yu Teruursevest 21 bus 47 Heverlee, Leuven 3001 Belgium	\$5,000	2004 EDS Graduate Student Fellowship	None
Martin Von Haartman Professorslingan 35 3tr Stockholm SE- 10405 Sweden	\$5,000	2004 EDS Graduate Student Fellowship	None
Muzammil Arsh Arain 3681 Khayyam Ave Apt. 1 Orlando, FL 32826	\$5,000	2004 LEOS Graduate Fellowship Award Honorarium	None
David Dahan 9 A Haim Laskov Street Haifa, Israel 34950 Israel	\$5,000	2004 LEOS Graduate Student Fellowship Award Honorarium	None
Pedram Z Dashti 112 Verano pl Irvine, CA 92617	\$5,000	2004 LEOS Graduate Student Fellowship Award Honorarium	None
Olufemi Dosunmu 1455 Commonwealth Ave Apt 405 Brighton, MA 02135	\$5,000	2004 LEOS Graduate Student Award Honorarium	None
Milan Masanovic ECE Department University of California Santa Barbara, CA 93106- 9560	\$5,000	2004 LEOS Graduate Student Fellowship Award	None

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Sung Woong Park 611-2104 Jugong A.P.T 922 Jungja- dong Jangan- gu Suwon-si,Kyungki 440-733 Republic of Korea	\$5,000	2004 LEOS Graduate Student Fellowship Award	None
Pennsylvania State University Trustees- C/O Gabor Herman- Rad Dept Blockey Hall 4th Floor - 418 Service Dr Philadelphia, PA 19104- 6021	\$10,000	2004 LEOS Graduate Student Fellowship Award	None
Bojan Resan P O Box 162700 Orlando, FL 32816	\$5,000	2004 LEOS Graduate Student Award Honorarium	None
Borja Vidal Virgen Delk Socorro 77, 7 Izq Alicante 03002 Spain	\$5,000	2004 LEOS Graduate Student Fellowship Award Honorarium	None
Shijun Xiao 59- 203 Chang Chun Yuan Beijing University Beijing 100871 China	\$5,000	2004 LEOS Graduate Student Fellowship Honorarium	None
Konsta Yiannopoulos 10 Thessalias Street Petroupli, Athens 13232 Greece	\$5,000	2004 LEOS Graduate Student Fellowship Honorarium	None
Changyuan Yu Pindong Middle School 1- 203 Hualin Rd Fuzhou, Fujian 35003 P R China China	\$5,000	2004 LEOS Graduate Student Fellowship Honorarium	None
Alejandra Zapata 69 Clara Road Hounslow, Middlesex, UK TW4 7AT United Kingdom	\$5,000	2004 LEOS Graduate Student Fellowship Award Honorarium	None
Jacqueline D Pilch 372 Hamilton Blvd. Piscataway, NJ 08854	\$1,000	2004 Scholarship Recipient	None
AAAS American Assoc. for the Advancement of Science P.O. Box 753 Waldorf, MD 20604	\$8,500	Fellowship Stipened - IEEE USA Engineering and Diplomacy Fellowship	None
Martin M Sokoloski 5526 Phelps Luck Dr Columbia, MD 21045	\$55,000	Fellowship Stipened for 2004 Congressional Fellow	None
Emily Sopensky The Iris Company 923 E 39th Street Austin, TX 78751	\$37,500	Fellowship Stipened - IEEE USA Engineering and Diplomacy Fellowship	None
Steve E. Watkins 121 EECH University of Missouri- Rolla Rolla, MO 65409- 0440	\$55,000	Fellowship Stipened for 2004 Congressional Fellow	None

Part II, Line 22 - Grants and Allocations

Grantee and Address	Amount	Grant/Award Description	Relationship
Duke University C/O Joanne Bechta- Dugan Department of Computer Science Durham, NC 90129	\$2,500	IEEE President's Scholarship Elizabeth Van Cortland Varela	None
Elena Leah Glassman 4907 Cabin Run Rd Pipersville, PA 18947- 1054	\$2,500	IEEE President's Scholarship	None
Harvard University Gordon McKey Library 29 Oxford St Cambridge, MA 02138	\$2,500	IEEE President's Scholarship	None
Iowa State University University Bookstore Ames, IA 50011	\$2,500	IEEE Presiden't Scholarship	None
Ibrahim Hur 2600 Gracy Farms Lane Apt. 1127 Austin, TX 78758	\$250	Half share of Micro -37 Best Paper Award	None
Calvin Lin 8408 Lone Mesa Austin, TX 78759	\$250	Half share of Micro -37 Best Paper Award	None
Peter Gene Sassone 1947 Four Seasons Dr. Maretta, GA 30064	\$500	Micro- 37 Best Student Presentation Award	None
David Su 10272 Colby Ave Cupertino, CA 95014	\$333	ISSCC for Best Paper Award	None
Bruce A. Wooley Center for Integrated Sys. Stanford University Rm 206 Stanford, CA 94302- 4070	\$333	ISSCC for Best Paper Award	None
Kedar Hirve 9212 Lake Braddock Dr Burke, VA 22015	\$500	University of Virginia's CSIDC Honorable Mention Award	None
Nicholas Johnson 1718 Jefferson Park Ave Apt Home Charlottesville, VA 22903	\$500	University of Virginia's CSIDC Honorable Mention Award	None
Kirill Orlov 3676 Croollo Dr Virginia Beach, VA 23456	\$500	University of Virginia's CSIDC Honorable Mention Award	None
Parth Thaker 13406 Day Valley Ct. Centreville, VA 20120	\$500	University of Virginia's CSIDC Honorable Mention Award	None

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Part II, Line 22 - Grants and Allocations

Grantee and Address	Amount	Grant/Award Description	Relationship
Pei Chin Wang 10F- 6 No 1 Lane 12b, Sec 1, Fu- Sing S. Rd Taipei 106 Taiwan	\$2,000	CSIDC Honorable Mention Team Award	None
George Holz 183 Boulevard Glen Rock, NJ 07425	\$350	3rd Place Individual ISEF 2004	None
Enver Kayaaslan Haskoy Dogu Mah 2 sok No 11 Altindag Ankara, Turkey 06140 Turkey	\$500	2004 ISEF 1st Team Scholarship	None
Kimberly Reinhold 1649 Haleloke St. Hilo, HI 96720	\$700	1st Place Individual ISEF 2004	None
Daniel Rubino Avelino Diaz 1230 Dito 'B' Buenos Aires City 1424 Argentina	\$400	2004 ISEF 2nd Team Scholarship	None
Ho Seung Ryu 1042 Forest Ave. Apt. 3 Pacific Grove, CA 93950- 4830	\$500	2nd Place Individual ISEF 2004	None
Soner Yilmaz Yurt mah. Baris manco bul. Yurer Apt. kat=6 daire=11 Seyhan, Adana 01360 Turkey	\$500	ISEF 2004 1st Place Team	None
Yuanchen Zhu Room 502, Bldg 34 Mingxing Er Cun Shanghai 200438 China	\$500	2004 ISEF 2nd Place Scholarship	None
Deepti Nagin Chheda 15 Parshva Sadan 1st Flr Navyug Society N S Road 4 J.V.P.D Scheme Vile Parle (W) Mumbai, Maharashtra 400 056 India	\$1,000	2004 Merwin Scholarship 1st Installment	None
Upavan Gupta 13802 N. 42nd Street Apt I 103 Tampa, FL 33613	\$1,000	2004 Merwin Scholarship 1st Installment	None
Viswanath Sairaman 5113 Excellence Blvd. Apt 652 Tampa, FL 33617	\$1,000	2003 Merwin Scholarship 3rd Installment	None
Viswanath Sairaman 5113 Excellence Blvd Apt. 652 Tampa, FL 33617	\$1,000	2003 Merwin Scholarship 3rd Installment	None
Clara Shih PO Box 17758 Stanford, CA 94309	\$1,000	2003 Merwin Scholarship 3rd Installment	None

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Part II, Line 22 - Grants and Allocations

Grantee and Address	Amount	Grant/Award Description	Relationship
Clara Shih PO Box 17758 Stanford, CA 94309	\$1,000	2003 Merwin Scholarship 2nd Installment	None
Alper Demir Koc University Muhendislik Fak , ENG 222 Sariyer, Istanbul 34450 Turkey	\$1,000	2003 ICCAD McCalla Award	None
Anirudh Devgan 6603 Lakewood Point Cr Austin, TX 78750	\$500	2003 ICCAD McCalla Award	None
Chandramouli Kashyap 4374 Headen Way Santa Clara, CA 95054	\$500	2003 ICCAD McCalla Award	None
Marcos Andre Goncalves 504 Cedar Orchard Dr W. Blacksburg, VA 24060	\$500	Student Award from TCDP	None
Ettore Ricciardi ISTI- CNR, Via G. Moruzzi 1 Pisa 56124 Italy	\$10,015	TCFT Student Travel Grant to DSN 2004	None
Scott Aaronson 205 Burkdale Court New Hope, PA 18938	\$500	2004 Ronald V Book Prize	None
Yong Wang 611 Louis Riel House Simon Fraser University Burnaby, B C V5A 1S6 Canada	\$500	TCPP Best Paper Award	None
Fulvio Gini Via Aldo Moro, 29 San Giuliano Terme, PI 56010 Italy	\$1,000	AES 2004 Fred Nathanson Memorial Radar Award	None
Sally Fincher 39 Ethelbert Road Canterbury, Kent CT1 3NF United Kingdom	\$2,000	Teaching Award 2003	None
Elaine Weyuker 102 Woodbridge Ave Metuchen, NJ 08840	\$3,000	2004 Harlan D. Mills Award	None
Doris L. Carver 6865 S Fieldgate Ct Baton Rouge, LA 70808	\$5,000	2004 Richard E Merwin Award	None
William J Dally 1068 Vernier Place Stanford, CA 94305	\$10,000	2004 Seymour Cray	None
Marsha Berger NASA Ames Research Center- ms T27B Moffett Field, CA 94035	\$2,000	2004 Sidney Fernbach Award	None

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Part II, Line 22 - Grants and Allocations

Grantee and Address	Amount	Grant/Award Description	Relationship
Stephen S. Yau Arizona State University Computer Science&Engineering Department Tempe, AZ 85287	\$10,000	2002 Tsutomu Kanai Award	None
Eugene H Spafford 110 Spencer Court West Lafayette, IN 47906	\$5,000	2003 Taylor Booth Award	None
Simon S Lam University of Texas at Austin Department of Computer Science Austin, TX 78712	\$2,000	2004 W. Wallace McDowell Award	None
Alireza Shirvani Mahdavi 6070 Burchell Ave. San Jose, CA 95120	\$333	ISSCC for Best Paper Award	None
Alzheimer's Association 325 Chestnut Street Philadelphia, PA 19106	\$500	Donation in the name of Mary Zazza	None
ASME C/O Erwin Weinberg 345 East 47th Street New York, NY 10017- 2392	\$3,000	OES Support of Human Powered Subraces	None
Foundation for Underwater Research & Education Int'l Submarine Races 3 Huntington Dr Williamsburg, VA 23185	\$5,000	Grant	None
Under Sea Camp Inc. Attn John Schlitz PO Box 80441 San Diego, CA 92138- 0441	\$5,000	Support educational effort realted t o ocean technologie	None
Case Western Reserve Television Services 10950 Euclid Ave Baker Bldg. #13 Cleveland, OH 44106- 1712	\$5,000	Contribution for Onlineethics Org Helpline	None

GRAND TOTAL \$1,182,830

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Part II, Line 42, Depreciation

Depreciation is provided on a straight-line basis over the estimated useful life of the asset. A life of thirty-five years is used for buildings and lives of five to ten years are used for equipment and office furniture. Leasehold improvements are being amortized on a straight-line basis over twenty years or the lease term, whichever is shorter. Assets under capital leases are depreciated over the shorter of the lease terms or the useful lives of the assets.

Part II, Line 43e, Other Expenses

	<u>Col. (A)</u> Total	<u>Col. (B)</u> Program Services	<u>Col. (C)</u> Mgmt & General	<u>Col. (D)</u> Fundraising
Dues, Fees & Memberships	556,136	539,143	11,093	5,900
Credit Card, Bank & Inv Charges	1,579,365	1,357,165	221,782	418
Recruitment, Temps & Reloc	562,796	555,152	6,717	927
Education/Training	604,688	573,967	29,951	770
Data Processing	1,633,758	1,620,216	13,542	0
Bad Debts & Cash Discounts	171,377	171,377	0	0
Publicity & Public Relations	28,272	28,272	0	0
Other miscellaneous expenses	403,836	(139,001)	532,275	10,562
Rounding	0	1	(1)	0
	\$5,540,228	\$4,706,292	\$815,359	\$18,577

Part III, Line (e), Other Program Services

Educational Activities	\$2,394,937
(Grants and Allocations \$ 0)	
Total:	<u><u>\$2,394,937</u></u>

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Part IV, Line 54, Investments - Securities

Market Value

Fixed Income Investments

U.S. Government obligations	\$0
Corporate obligations	0
Money market and mutual funds	68,258,600
Due from brokers and accrued interest	0
Total Fixed Income Investments	68,258,600

Equity Investments

Equity securities	52,206,700
Investments in emerging markets fund and international equity fund	21,366,600
Money market and mutual funds	1,760,500
Due (to)/from brokers and accrued interest	174,600
Total Equity Investments	75,508,400

Less: Region and Sections Investments reported on IEEE Group Form 990	5,118,669
Less: Accumulated Realized & Unrealized Gains (Losses) - Region Investments	(198,802)

Total	\$138,449,529
--------------	----------------------

Part IV, Line 57, Land, Buildings and Equipment

Fixed assets and the related accumulated depreciation at December 31, 2004 consists of the following:

	<u>Line (57a)</u> Cost Basis of Assets	<u>Line (57b)</u> Accumulated Depreciation	<u>Line (57c)</u> Net Basis of Assets
Buildings	\$18,625,300	\$8,440,300	\$10,185,000
Furniture & Equipment	36,392,709	23,522,223	\$12,870,486
Leasehold Improvements	8,569,300	2,824,600	\$5,744,700
	63,587,309	34,787,123	28,800,186
Land	1,973,600		1,973,600
Totals	\$65,560,909	\$34,787,123	\$30,773,786

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Part IV, Line 62 - Deferred Revenue

	Col. A	Col. B
	Beg. Of Year	End of Year
Membership Dues/Assessments	\$37,615,000	\$37,030,700
Subscription Income and Other	58,656,400	65,097,200
Total Deferred Revenue	\$96,271,400	\$102,127,900

Part IV, Line 64a, Tax-Exempt Bond Liabilities

New Jersey Economic Development Authority ("NJEDA") Bonds:

NJEDA Bond #1 - Series "A" Bonds, average coupon of 4.55%, annual principal and sinking fund payments through April 1, 2014, collateralized by an irrevocable direct-pay letter of credit issued by Wachovia Bank.

- a) Purpose of Issue: To provide permanent financing for an existing facility consisting of 163,500 square feet on 13.5 acres of property in Piscataway NJ.
- b) Amount of Issue outstanding \$7,333,200
- c) Unexpended Bond Proceeds: \$-0-
- d) Portion of bond-financed facility used by a third-party: None

NJEDA Bond #2 - Series "B" Bonds, average coupon of 4.34%, annual principal and sinking fund payments through April 1, 2014, collateralized by an irrevocable direct-pay letter of credit issued by Wachovia Bank.

- a) Purpose of Issue: To provide permanent financing for an existing facility consisting of 163,500 square feet on 13.5 acres of property in Piscataway NJ.
- b) Amount of Issue outstanding \$3,290,600
- c) Unexpended Bond Proceeds: \$-0-
- d) Portion of bond-financed facility used by a third-party: None

Part IV, Line 65 Other Liabilities

	Col. A	Col. B
	Beg. Of Year	End Of Year
Deposits by Sections and Others	\$15,344,200	\$8,310,100
Obligations Under Capital Leases	2,510,600	2,547,800
Trading Liabilities	396,100	120,900
Miscellaneous Liabilities	(11)	(11)
Less: IEEE Regions & Sections reported on IEEE Group Form 990	0	(591)
	\$18,250,889	\$10,978,198

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**Part IV-A: Reconciliation of Revenue per Audited Financial Statements with
Revenue per Return:**

<u>Line b(4) - Other</u>	Amount
(a) IEEE Region and Section Units included on Group Form 990	\$2,837,900
(b) IEEE Region Office Realized & Unrealized Investment Losses	86,964
(c) IEEE Restricted Fund Investment Loss adjustment	(15,187)
(d) ECI Revenue included on separate Form 990	993,200
(e) Reclassification	0
(f) Miscellaneous Items	(282)
Total of Line b(4)-Other	<u>\$3,902,595</u>
<u>Line d(2) - Other</u>	
(a) Rounding	<u>\$1</u>
Total of Line d(2)-Other	<u>\$1</u>

**Part IV-B: Reconciliation of Expenses per Audited Financial Statements with
Expenses per Return:**

<u>Line b(4) - Other</u>	
(a) IEEE Region and Section Units included on Group Form 990	\$2,266,800
(b) ECI Expenses included on separate Form 990	<u>\$2,735,120</u>
Total of Line b(4)-Other	<u>\$5,001,920</u>
<u>Line d(2) - Other</u>	
(a) Reclassification	\$0
(b) Rounding	<u>\$151</u>
Total of Line d(2)-Other	<u>\$151</u>

Part V, List of Officers, Directors, Trustees, and Key Employees (Continued):

<u>(A)</u> Name and Address	<u>(B)</u> Title	<u>(C)</u> Compensation	<u>(D)</u> Benefits	<u>(E)</u> Other
Marc T. Apter ** See Below	Vice President - Regional Activities	-0-	-0-	-0-
James T. Carlo ** See Below	Vice President Standards Association	-0-	-0-	-0-
Ralph W. Wyndrum, Jr. ** See Below	Vice President Technical Activities	-0-	-0-	\$2,500
John W. Steadman ** See Below	President - IEEE USA	-0-	-0-	-0-
Roger K. Sullivan ** See Below	Director Region 1	-0-	-0-	-0-
Moshe Kam ** See Below	Director Region 2	-0-	-0-	-0-
William B. Harrison ** See Below	Director Region 3	-0-	-0-	-0-
Burton J. Loupee ** See Below	Director Region 4	-0-	-0-	-0-
John W. Meredith ** See Below	Director Region 5	-0-	-0-	-0-
Evelyn H. Hirt ** See Below	Director Region 6	-0-	-0-	-0-
William O. Kennedy ** See Below	Director Region 7	-0-	-0-	-0-

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Part V, List of Officers, Directors, Trustees, and Key Employees (Continued):

<u>(A)</u> Name and Address	<u>(B)</u> Title	<u>(C)</u> Compensation	<u>(D)</u> Benefits	<u>(E)</u> Other
Anthony C. Davies ** See Below	Director Region 8	-0-	-0-	-0-
Francisco Ricardo Martinez ** See Below	Director Region 9	-0-	-0-	-0-
Jung Uck Seo ** See Below	Director Region 10	-0-	-0-	-0-
Lewis M. Terman ** See Below	Director Division I	-0-	-0-	-0-
Philip T. Krein ** See Below	Director Division II	-0-	-0-	-0-
J. Roberto Boisson de Marca ** See Below	Director Division III	-0-	-0-	-0-
Harold L. Flescher ** See Below	Director Division IV	-0-	-0-	-0-
Gene F. Hoffnagle ** See Below	Director Division V	-0-	-0-	-0-
Richard L. Doyle ** See Below	Director Division VI	-0-	-0-	-0-
John W. Estey ** See Below	Director Division VII	-0-	-0-	-0-
James DeWitt Isaak ** See Below	Director Division VIII	-0-	-0-	-0-

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Part V, List of Officers, Directors, Trustees, and Key Employees (Continued):

(A) Name and Address	(B) Title	(C) Compensation	(D) Benefits	(E) Other
John A. Reagan ** See Below	Director Division IX	-0-	-0-	-0-
Enrique Hector Ruspini ** See Below	Director Division X	-0-	-0-	\$500
Eric Herz ** See Below	Director Emeritus	-0-	-0-	-0-
Theodore W. Hissey, Jr. ** See Below	Director Emeritus	-0-	-0-	-0-

** - c/o Institute of Electrical and Electronics Engineers, Inc., 445 Hoes Lane,
 Piscataway, N.J. 08854

Institute of Electrical and Electronics Engineers, Inc. (IEEE)

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Part VI, Line 90a-List the states with which a copy of this return is filed

Form 990 is currently filed in the following states:

Alabama

Alaska

Arizona

Arkansas

California

Connecticut

District of Columbia

Florida

Georgia

Illinois

Kansas

Kentucky

Louisiana

Massachusetts

Maine

Maryland

Michigan

Minnesota

Mississippi

New Hampshire

New Jersey

New York

New Mexico

North Carolina

North Dakota

Ohio

Oklahoma

Oregon

Pennsylvania

Rhode Island

South Carolina

Tennessee

Utah

Virginia

Washington

West Virginia

Wisconsin

Part VIII, Relationship of Activities to the Accomplishment of Exempt Purposes

Line No.

- 93 (a) **SPECTRUM MAGAZINE:** The organization's flagship, award winning magazine is the key communications vehicle among electrical engineers and is sent monthly to all members. Spectrum publishes incisive articles reporting on innovations and perspectives at the forefront of technological development.
- 93 (b) **PUBLISHING ACTIVITIES:** IEEE publishes the leading journals, transactions and magazines in electrical engineering, computing, biotechnology, telecommunications, power and energy, and many other technologies. The breadth of disciplines covered, ranges from medicine to automotive engineering to industrial applications and intelligent transport systems. The publicly available high quality information offered through IEEE, helps engineers and the industry worldwide to anticipate technology trends. IEEE content is peer reviewed by leaders in the field.
- 93 (c) **CONFERENCES & OTHER TECHNICAL ACTIVITIES:** The nearly 42 IEEE specialized technical societies and councils provide forums that facilitate the exchange of information on the latest technical advances, thereby enabling attendees to remain globally competitive. Collectively, they organize more than 335 conferences each year around the world.
- 93 (d) **EDUCATIONAL & STANDARD ACTIVITIES:** IEEE Standards benefit industry and the public, and are designed to meet user requirements while ensuring safety. To achieve this, more than 20,000 professionals integrate scientific research with applications experience to determine the precise technical requirements in a specific field. More than 900 published IEEE Standards are currently available and recommended for use, while approximately 80 new standards are published yearly. Fast-moving advances in electrotechnology require that professionals continually refresh their education to stay current with new developments. The IEEE offers engineers and their employers a fully integrated program of video conferences, video tutorials and multi-media self-study courses, which are regularly updated and revised to include the latest topics. The IEEE also participates in the accreditation of engineering, technology and computer science programs at colleges and universities in the United States.
- 93 (e) **OTHER PROGRAM SERVICE REVENUE:** Other publications related to the educational, technical, professional and societal purposes of the IEEE include sales of indexes and other technical databases, digital sales of technical publications, directories, reprints of articles, IEEE technical magazines, Key Abstracts, Salary Surveys and Employment Guides. Other program service revenue is realized through sales of labels, plaques, banners, and certificates to the 300+ local worldwide IEEE volunteer sections. Also included is revenue from other technical seminars and meetings, IEEE member benefit program royalties, and travel service commissions resulting from staff and volunteer attendance at IEEE meetings and conferences.
- 94 **MEMBERSHIP DUES AND ASSESSMENTS:** Membership Dues and Assessments allow members to receive IEEE Spectrum Magazine and The Institute, a monthly news supplement. Members also receive discounts on all IEEE products, conferences and seminars.

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Schedule A, Part III – Statement About Activities:

Line 2d – Payment of compensation (or payment or reimbursement of expenses if more than \$1,000).

See Part V, Form 990 for compensation of key employees. Officers and directors are not compensated. Officers and directors and key employees are reimbursed for expenses incurred in serving the organization. All recipients must account to the organization and are not paid more than they spend.

Line 3 – Statement explaining how the organization determines that individuals or organizations receiving grants or loans from it in furtherance of its charitable programs qualify to receive payments.

The administration of scholarships and awards are handled through the IEEE Scholarship Awards Committee and the IEEE Awards Board, with final approval of the recommended recipient by the IEEE Board of Directors, IEEE Regions or Sections, or IEEE (Technical) Societies. Awardees are recognized for excellence in activities in the fields of Electrical Engineering, Computer Science, and other fields of interest to the Institute. In most cases, payment of the scholarships and awards are made by the IEEE Foundation Incorporated.

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Schedule A, Part VII, Line 51d - Information Regarding Transfers To and Transactions and Relationships with Noncharitable Exempt Organizations

Support of Line # 51b(v), 51b(vi) and 51c:

ISTO Form 990 Functional Expense Line #	IEEE-ISTO Form 990, Part II Functional Expense Description	Amount
31	Professional Fees-Other	0
32	Legal Fees	0
33	Supplies	7,922
34	Telephone	7,519
35	Postage and Shipping	26,621
36	Occupancy	74,403
37	Equipment Rental and Maintenance	14,577
38	Printing and Publications	2,431
39	Travel	27,073
40	Conference, Conventions, Meetings	4
41	Interest	45,117
43(a)	Credit Card Charges	21,879
43(b)	Management/Consultant Fees	875,667
43(c)	Temporary Agency Personnel	982
43(d)	Special Training Sessions & Material	880
43(e)	Miscellaneous	343
	TOTAL Expenses related to IEEE-ISTO Loan	1,105,418

Addendum #1 to the 2005 IEEE Bylaws

The following changes to the 2005 IEEE Bylaws were approved by the IEEE Board of Directors at the 20 February 2005 meeting.

I-304 Major Boards

3. Educational Activities Board. The IEEE Educational Activities Board (EAB) shall recommend to the Board of Directors policies on educational matters and implement programs specifically intended to serve and benefit IEEE members in educational pursuits, the engineering and scientific community, and the general public. These programs shall include the broad planning of educational activities of the IEEE, the development and delivery of continuing education products and activities, the development of guidelines for the IEEE representatives to accreditation bodies, the monitoring of accreditation activities, the coordination of pre-college programs, and the representation of the IEEE in matters regarding engineering education. The EAB shall be the IEEE interface in education-related matters with external bodies.

EAB shall be responsible for administration of the annual assessment paid to ABET, Inc.

EAB Membership. The Educational Activities Board shall consist of not more than 17 members, including the Chair, who shall be the Vice President-Educational Activities; the immediate Past Vice President-Educational Activities; two members having strong interest in engineering education from Technical Activities, jointly appointed by the Vice President - Technical Activities and the Vice President-Educational Activities, two members having strong interest in engineering education from Regional Activities, one from Regions 1 - 6, and one from Regions 7 - 10, jointly appointed by the Vice President - Regional Activities and the Vice President-Educational Activities; one member from the Standards Association, jointly appointed by the President, Standards Association and the Vice President, Educational Activities; Chair of the EAB Accreditation Policy Council, and the Chairs of the following EAB committees: Finance, Strategic Planning, Awards and Recognition, Pre-College Education Coordinating, Section Outreach, Society Outreach, Continuing Professional Education, and Public Awareness, all of whom shall be appointed by the Vice President, Educational Activities and affirmed by a majority of EAB; and the Staff Secretary who shall serve without vote

The voting membership of the Educational Activities Board shall be annually submitted to the IEEE Board of Directors for affirmation and shall represent a balance of experience and knowledge of industry, government, and academe.

The members of each subcommittee shall be approved by the Educational Activities Board. Up to two nonmembers of the IEEE may be appointed as voting members on each of the following subcommittees: Pre-College Coordinating Committee, Continuing Professional Education Committee. The Chair of each subcommittee shall be an IEEE Member.

6. Standards Association. The IEEE Standards Association (IEEE-SA) shall be responsible to the Board of Directors for standards programs that enhance the strategic initiatives of the IEEE. The IEEE-SA shall establish, coordinate, develop, approve, and revise IEEE standards and conduct other standards-related activities in fields of interest to the IEEE. The IEEE-SA shall be the IEEE interface in standards-related matters with external bodies. The IEEE-SA Board of Governors shall be the governing body of the Standards

Association, and it shall reflect the technical and global standards interests of the IEEE.

IEEE-SA Board of Governors (IEEE-SA BOG) Membership.

The IEEE-SA BOG shall consist of not more than 14 members who shall be the IEEE-SA President, who shall be elected for a two-year term by the eligible voting members of the IEEE who are also members of the Standards Association, the IEEE-SA President-Elect or the most recent IEEE-SA Past President willing to serve; the Chair of the Standards Board, who shall be elected by the IEEE-SA BOG; the most recent Past Chair of the Standards Board willing to serve, the chair of the IEEE Standards Association Corporate Advisory Group, who shall be elected for a two-year term by the IEEE-SA BOG, eight Members-at-Large, four of whom shall be elected by the eligible voting members of the Standards Association and four of whom shall be elected by the IEEE-SA BOG, as specified in the SA Operations Manual; and the Staff Secretary, who shall serve without vote. Beginning in 2006, the IEEE-SA Past President shall serve as a voting member of the IEEE-SA BOG in those years where there is no IEEE-SA President-Elect.

All voting members of the IEEE-SA BOG shall be of Member, Senior Member, or Fellow grade, and shall have membership in the IEEE-SA, as specified in the Standards Association Operations Manual.

The IEEE-SA President may appoint nonvoting individuals to the IEEE-SA BOG to facilitate its work. These individuals shall be members of IEEE-SA and represent specific needs. Subject to Bylaw I-305.5, all individuals shall be appointed on an annual basis.

I-305 Other Boards, Standing Committees, and Ad Hoc Committees

1. Standing Committees of the Board of Directors. The following additional Board and Standing Committees, each with a scope and mission statement approved by the Board of Directors, shall be established by and shall report to the Board of Directors:

Admission and Advancement Committee
Audit Committee
Awards Board
Compensation Committee
Credentials Committee
Employee Benefits Committee
Ethics and Member Conduct Committee
Executive Committee
Fellow Committee
Finance Committee
History Committee
Individual Benefits and Services Committee
Information Technology Strategy Committee
Infrastructure Oversight Committee
Insurance Committee
Investment Committee
Life Members Committee
Marketing and Sales Committee
Meetings and Services Committee
Nominations and Appointments Committee
Strategic Planning Committee

Tellers Committee
Women in Engineering Committee

3. Standing Committees Assigned to Major Boards. The following Standing Committees of the Board of Directors are assigned by the Board of Directors, for administrative responsibility and operational support, to other Major Boards as indicated:

Admission and Advancement Committee – RAB
Life Members Committee– RAB
Marketing and Sales Committee – TAB and PSPB
Meetings and Services Committee – TAB

I-306 Functions and Membership of the Standing Committees and Board

2. Audit Committee. The Audit Committee shall be appointed by and shall be responsible to the Board of Directors. It shall review policies and procedures which substantially impact the finances and operations of the IEEE, monitor conformance thereto, and recommend such changes as it considers desirable.

Membership. The Audit Committee shall consist of not more than four members. Members shall be chosen from those who will be serving the first year of a two-year term on the Board of Directors, none of whom shall be a corporate officer. Such members shall be appointed for two-year staggered terms, providing for reasonably balanced representation from RAB and TAB. If there is an insufficient number of qualified candidates for Committee membership available from the first year Board members, the Board of Directors may appoint a second year Board member for a one-year term.

The Board of Directors shall appoint the Chair, normally from those who will be serving the second year of their term on the Committee.

One or more immediate past members of the Audit Committee may be appointed by the Board of Directors to serve one-year terms as consultants

- 17 Marketing and Sales Committee. The Marketing and Sales Committee shall report to the Board of Directors with administrative responsibility and operational support assigned jointly by the Board of Directors to the Technical Activities Board and the Publication, Services and Products Board. The Marketing and Sales Committee, in partnership with the Sales and Marketing department, shall be the volunteer group responsible for the IEEE marketing and sales strategies and activities, including but not limited to, packaged intellectual property (IP) products. Direct staff support for the committee shall be provided by the Sales and Marketing department.

Membership: The Marketing and Sales Committee shall consist of not more than eight members: the Chair, jointly appointed by the Vice Presidents of the Technical Activities and Publication, Services and Products; the Past Chair; one Director, appointed by the IEEE President, selected from among the current members of the Board of Directors serving in the first year of their term, who shall act as Board liaison for the committee; one member appointed by the Vice-President of Regional Activities; one member appointed by the President of the Standards Association, one member appointed by the Vice President of Educational Activities; two members

appointed by the Vice President of Technical Activities; and the Chair of the TAB/PSPB Products and Services Committee. The term of office for committee members shall be two years. Members may be reappointed to serve a second term.

(Note: Remaining sections of Bylaw I-306 shall be renumbered.)

22. Women in Engineering Committee The IEEE Women in Engineering Committee (WIEC) shall be appointed by and shall report to the IEEE Board of Directors. The WIEC shall be responsible for facilitating the development of programs and activities that promote the entry into and the retention of women in engineering programs, enhance the career advancement of women in the profession, and which promote IEEE membership and retention of IEEE women members

Membership. The WIEC shall consist of ten voting members, appointed by the IEEE Board of Directors as follows: Six members shall serve three-year staggered terms; one member who shall be an IEEE Student Member, who shall serve a one-year term, beginning 1 July through 30 June; and one representative each from the Educational Activities, Regional Activities, and Technical Activities Boards, who shall be appointed by the respective Vice Presidents. Members may serve a maximum of two consecutive terms, however with respect to the Past Chair, tenure on the WIEC may extend beyond six years until replaced. In such years the WIEC shall consist of eleven members. The Chair, who shall serve a three-year term on the WIEC, shall serve no more than two consecutive one-year terms in that position.

The WIEC shall appoint one of its members to serve as a liaison to the IEEE Awards Board.

The IEEE-USA Board, Publication Services and Products Board, the Standards Association, and the Awards Board may appoint a liaison. Regions and Societies may appoint coordinators to assist in the development of related programs and activities. Additional IEEE organizational units, with interest in coordinating joint activities and facilitating programs which align with WIEC's purpose and other professional organizations with similar interests and programs may appoint a liaison. Coordinators and liaisons shall be nonvoting members of the committee.

Travel expenses for the representative members, liaisons, and coordinators shall be the responsibility of the appointing organizational unit.

In accordance with Bylaw I-107, the WIEC may establish an IEEE WIE membership organizational unit. Membership in WIE shall be open to any member of IEEE, and shall require the payment of dues. Dues shall be approved by the IEEE Board of Directors, upon recommendation of the WIEC. Dues shall be waived for Life Members, Graduate Student Members and Student Members.

WIE affinity groups may be established, the requirements for which shall be specified in the WIE Operations Manual

Addendum #2 to the 2005 IEEE Bylaws

The following changes to the 2005 IEEE Bylaws were approved by the IEEE Board of Directors at the 19 June 2005 meeting.

I-108 Dues, Assessments, and Fees

- 5 **IEEE Dues.** The IEEE dues for all grades other than Student, except as noted in other paragraphs of this Bylaw, shall be one-hundred and nineteen dollars (\$119 00) for the 2006 membership year

Using the 2002 dues as the base, beginning with the 2003 membership year and continuing in each succeeding year, increases shall be made in accordance with the rate of inflation, in the United States based on the Consumer Price Index (CPI) for the preceding calendar year, rounded to the nearest whole dollar

The amount allocated to Regions, Sections, Chapters, Affinity Groups and Student Branches will equal 12% of member dues

- 6 **Annual Dues and Assessments.** In addition to the basic dues, the following annual assessments shall apply for members residing in

Regions 1-6 and in the United States, thirty-four dollars (\$34 00), which shall support IEEE-USA. Using the 2006 dues as the base, beginning with the 2006 membership year and continuing in each succeeding year, increases to this assessment shall be made in accordance with the rate of inflation in the United States based on the Consumer Price Index (CPI) for the preceding calendar year, rounded to the nearest whole dollar

Regions 1-6 and in the United States, three dollars (\$3 00) shall be accounted for in an ABET reserve bookkeeping account which shall support exclusively IEEE's ABET dues and associated operating expenses by the Educational Activities Board. Beginning with the 2006 membership year, and continuing in each subsequent year, this assessment shall be increased by a whole dollar (\$1 00) each time the following two criteria are met: (1) IEEE expenses for ABET dues and associated operating expenses exceed proceeds from this assessment by more than \$100,000 in the immediately preceding membership year, and (2) the ABET reserve has less than 110% of the expected expenditures for the immediately succeeding membership year

Region 1, two dollars (\$2 00) for Region 1
Region 3, two dollars (\$2 00) for Region 3
Region 4, one dollar (\$1 00) for Region 4
Region 5, two dollars (\$2 00) for Region 5
Region 6, one dollar (\$1 00) for Region 6
Region 7, fifteen dollars (\$15 00) for Region 7
Region 8, eleven dollars (\$11 00) for Region 8
Region 9, four dollars (\$4 00) for Region 9
Region 10, five dollars (\$5 00) for Region 10

There shall be no dues and assessments for Honorary Members

I-203 Functions

- 1 **Election of Officers.** The Assembly shall elect the following four Corporate Officers for terms of one year, who shall also thereby be elected Directors-at-Large: the Vice President-Educational Activities (who shall serve as Chair of the Educational Activities Board), the Vice President-Publication Services and Products (who shall serve as Chair of the

Publication Services and Products Board), the Vice President-Regional Activities (who shall serve as Chair of the Regional Activities Board) and the Secretary-Treasurer. In such years as the Assembly elects separate individuals to the offices of Secretary and Treasurer, the number of Directors to be elected by the Assembly shall be increased by one. An individual who has been elected to serve during the same year as IEEE-SA President, IEEE-USA President or Vice President-Technical Activities shall not be considered for an Assembly-elected position.

The procedure listed below shall govern election of Corporate Officers by the Assembly

- a No nominations from the floor shall be permitted during the Assembly meeting at which the elections are held
- b Candidates, in addition to those on the Nominations and Appointments Committee slate and/or the Regional Activities Board Assembly slate, may be nominated no later than ten days prior to the Assembly meeting, if the signatures of five Assembly members accompany the nomination. Biographies and position statements for such candidates shall also accompany the nomination. Nominations with endorsements and supporting documentation shall be submitted to a designee specified by the Assembly Chair who will promptly inform the Assembly of nominees qualifying under this provision.

The Assembly shall take appropriate action to fill vacancies on the Board of Directors as specified in Bylaw I-301 10

- 2 **Receipt and Filing of Reports.** The Assembly shall receive reports, in accordance with Section 519 of the Not-For-Profit Corporation Law of the State of New York. The financial statements as described in subsections (1) through (4) of Section 519 shall be received by the Assembly at the first meeting at which are available the certified financial statements for the preceding calendar year. Changes in groups of members, and other information as required by subsection (5) of Section 519 shall be received by the Assembly as soon as practical following verification by the President and Treasurer. These reports shall be filed with the records of the IEEE and copies or abstracts thereof entered in the minutes of the proceedings of the Assembly.

I-304 Major Boards

- 4 **Publication Services and Products Board (PSPB).** The IEEE Publication Services and Products Board shall report to the Board of Directors and shall be responsible for formulating and recommending information-related, published services and products policies to the Board of Directors, establishing and maintaining standards and procedures for IEEE information dissemination, and otherwise coordinating and assisting those activities of the IEEE and its various organizational units. It is expected that the IEEE organizational units will fulfill their obligations for their services and products. Once approved by the Board of Directors, these procedures become part of the policy and procedures of the IEEE. Other organizational units shall be responsible for administering those policies set by PSPB as they relate to the publications, services and products for which they are responsible.

- (a) The IEEE shall provide services and products which disseminate information on technical, scientific,

professional, and newsworthy topics of interest to members, the engineering and scientific community, and the general public

- (b) The IEEE shall publish a magazine entitled IEEE SPECTRUM, which contains technical and scientific articles of general interest to the entire membership
- (c) The IEEE shall publish a newspaper entitled THE INSTITUTE, which contains news of current events in the IEEE itself, the industry, and the engineering and scientific community
- (d) IEEE SPECTRUM and THE INSTITUTE shall be distributed to all Honorary Members, Fellows, Senior Members, Members, Associate Members, Graduate Student Members, and Student Members

PSPB Membership. The Publication Services and Products Board shall consist of not more than 29 members, which shall include the Vice President of PSPB, who shall serve as Chair, nine Members-at-Large appointed by the IEEE Board of Directors for three-year staggered terms, for which PSPB shall recommend nominees, one GOLD member appointed by the Chair for a one-year term, the Editors-in Chief of IEEE Press, Proceedings, and Potentials, one representative each from the Spectrum and Institute Advisory Boards, one current or past member of the Computer Society Board of Governors, appointed by that Board, one representative from each of the other Major Boards, the Chairs of the Standing Committees and other appointments, as specified in the PSPB Operations Manual, and the Staff Secretary, who shall serve without vote

- 5 Regional Activities Board. The IEEE Regional Activities Board (RAB) shall be responsible to the Board Directors and shall serve the needs of the members of the IEEE by maintaining, enhancing, and supporting the geographical organizational units of the IEEE. RAB shall be responsible for IEEE membership and member development. Membership includes recruitment, administration of admissions, retention, elevation, and service, as well as related operational and budget issues. Member development includes member value development, new member programs and services and support for members' careers, in collaboration with other IEEE Organizational Units

RAB Membership. The Regional Activities Board shall consist of not more than 19 members including the Vice President-Regional Activities who shall be Chair, the immediate Past Chair, the RAB Treasurer, who shall be elected by the RAB Assembly, the ten Region Directors, four Vice Chairs who shall be specified in the RAB Operations Manual, and who shall be elected by the RAB Assembly, the GOLD Committee Chair, who shall be appointed by the Vice Chair-Region, Section and Chapter Activities and the Staff Secretary, both of whom shall serve without vote

With the exception of the GOLD Committee Chair, members of RAB shall be of Fellow or Senior Member grade

Individuals holding more than one position on RAB shall be limited to one vote

I-306 Functions and Membership of the Standing committees and Board

- 11 Individual Benefits and Services Committee. The Individual Benefits and Services Committee shall be appointed by and

shall report to the Board of Directors with administrative responsibility assigned by the Board of Directors to the Executive Committee. The Individual Benefits and Services Committee shall be responsible for formulating and recommending to the Executive Committee programs for individual member benefits and services. The Committee shall also be responsible for monitoring, coordinating, and advising on such programs. Organizational units of the IEEE may develop and submit recommended programs for the IEEE membership, which shall require review and coordination by the Individual Benefits and Services Committee

Proposed new benefits or special services shall be reviewed and evaluated by the Committee to determine their conformity to the Committee Guidelines established in the IEEE Policies, and with regard to financial and other legal liabilities, before such new benefits and services are recommended to the Executive Committee

Membership. The Individual Benefits and Services Committee shall consist of the Chair and three members-at-large appointed by the Board of Directors, the IEEE Treasurer, one member appointed by the IEEE-USA President, and one member each from Regions 7, 8, 9, and 10, appointed by the Board of Directors on the recommendations of the Chair, after the Chair has consulted with the respective Regional Director. In addition the Membership Development Committee may appoint one of its members to serve as a non-voting member of the Committee, and other Vice Presidents representing Boards with an interest may designate a non-voting member of the Committee. Such members, if subsequently approved by the Board of Directors, shall have voting privileges

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The Secretary shall be a member of the IEEE staff as designated by the Executive Director

- 19 Nominations and Appointments Committee. The Nominations and Appointments Committee shall be appointed by and shall be responsible to the Board of Directors and shall

- (1) Submit to the Board of Directors a list of candidates recommended for appointment to all Standing Committees, Boards, and Major Boards (as defined in Bylaws I-304 and I-305) for the ensuing year, excluding those persons who are nominated through other sources as provided in these Bylaws. The list shall be submitted in time for appointment before 31 December of the preceding year or as otherwise called for in these Bylaws
- (2) Discharge responsibilities assigned to it pursuant to Bylaw I-308
- (3) Submit to the Assembly, prior to its annual meeting, a list of candidates recommended for election by that body for the positions set forth below and in accordance with the following

Vice President-Educational Activities,

Vice President-Publication Services and Products,

Secretary-Treasurer or for the offices of Secretary and Treasurer in such years as the Assembly shall elect separate individuals to those positions

- (a) No candidate may be nominated for more than one position
- (b) Each slate shall contain the names of not less than three candidates. At least two of the candidates shall not be included on the IEEE Annual Election ballot for a position in which the period of service as a member of the IEEE Board of Directors will run concurrently with the Assembly-elected position

(4) Membership. The Nominations and Appointments Committee shall comprise 15 members as follows: six members, who shall serve two-year terms, three of whom shall be appointed in even-numbered years, and three of whom shall be appointed in odd-numbered years, none of whom shall be concurrently serving on the Board of Directors, the Chair-Elect, who shall be the Past President currently serving on the Board of Directors in such capacity and who shall assume the position of Chair in the succeeding year, the Chair, the Chair of each Major Board Nominations and Appointments Committee and the Chair of the Awards Board Nominations and Appointments Committee

In the event the Past President declines to serve as Chair-Elect, a past member of the Board of Directors not currently serving on the Board of Directors shall be recommended for the position by the Nominations and Appointments Committee and appointed by the Board of Directors

(5) A member of the Nominations and Appointments Committee shall not be eligible to be elected or appointed to any office for which the Nominations and Appointments Committee makes nominations

20 Tellers Committee. The Tellers Committee shall be appointed by and shall be responsible to the Board of Directors. They shall supervise the processing of ballots received and the tallying of the votes on matters normally on the annual election ballot submitted to the membership of IEEE or to groups of members for a vote. The Tellers Committee shall announce the tally of the votes not later than the eighth working day following the final election ballot receipt date (as defined in Bylaw I-308 13), the final recall election ballot receipt date (as defined in Bylaw I-111) or the final referendum ballot receipt date (as defined in Bylaw I-309), as the case may be, in a report to the Board of Directors signed by the Chair of the Tellers Committee

The Tellers Committee shall also supervise the processing and tallying of any petitions received that are to be part of the IEEE annual election ballot. The Tellers Committee shall announce the tally of the petition signatures, not later than 15 working days following the deadline for receipt of petitions, in a report to the Board of Directors signed by the Chair of the Tellers Committee. The committee shall have such other related duties as are delegated to it by resolution of the Board of Directors

Membership. The Tellers Committee, shall consist of not more than ten IEEE voting members, including the Chair and Vice Chair, appointed by the IEEE Board of Directors

I-308 Nominations and Elections

1 Nominations and Appointments Committees

The following requirements shall govern the Nominations and Appointments (N&A) Committees of the six Major Boards and the IEEE Awards Board N&A Committee

- a The Chair of each of these N&A Committees shall be the immediate past chair of the governing body of that organizational unit. In the event of the incapacity or conflict of interest of the Chair, the most recent Past Chair available shall be the Chair of that respective N&A Committee
- b Chairs shall not be eligible to be elected to the Board of Directors during their term of service
- c At least two-thirds of the voting members of each N&A Committee shall be elected or appointed by the governing body of their respective organizational unit
- d A members of an N&A Committee shall not be eligible for positions for which such member's respective N&A Committee is responsible for making nominations

2 Call for Nominations. The Chair of the IEEE Nominations and Appointments Committee shall invite the submission of suitable names to be considered by the IEEE Nominations and Appointments Committee for the various elective offices of the organizational units

3 President-Elect Candidates. The Nominations and Appointments Committee shall submit to the Board of Directors the names of at least two candidates for the office of President-Elect

4 Submission of Proposed Nominees. The Nominations and Appointments Committee shall transmit its list of proposed nominees to all Directors in time to permit the Board of Directors to fulfill the requirements of Article XII of the IEEE Constitution

5 Delegate-Elect/Director-Elect. Each Region and Division through their respective Nominating Committees may propose a Delegate-Elect/Director-Elect slate rather than a Delegate/Director slate. A Delegate-Elect/Director-Elect shall automatically become the Delegate/Director without further election on the expiration of the incumbent Delegate/Director's term or upon vacancy of the office. The term of office of a Delegate-Elect/Director-Elect may be one or two years

(a) Region Delegate-Elect/Director-Elect Positions. The current Regional Delegate-Elect/Director-Elect positions and the terms of their office are as follows

Region 1	-	2 Years
Region 2	-	2 Years
Region 3	-	2 Years
Region 4	-	2 Years
Region 5	-	2 Years
Region 6	-	2 Years
Region 7	-	2 Years
Region 8	-	1 Year
Region 9	-	2 Years
Region 10	-	2 Years

(b) Division Delegate-Elect/Director-Elect Positions. The current Delegate-Elect/Director-Elect positions and the terms of their office for Divisions are as follows

- Division I - 1 Year, effective in 2005
- Division II - 1 Year, effective in 2006
- Division III - 1 Year
- Division IV - 1 Year
- Division V - 1 Year
- Division VI - 1 Year, effective in 2006
- Division VIII - 1 Year
- Division IX - 1 Year
- Division X - 1 Year, effective in 2006

shall submit to all voting members on or before 1 May of each year a list of nominees for President-Elect, Delegate/Director or Delegate-Elect/Director-Elect, whichever is applicable, and such other officers to be elected by voting members for the coming term

5 Submission of Slates. Slates of candidates submitted by IEEE organizational units for inclusion on the annual election ballot must be submitted to the Board of Directors by 15 March of each year. Slates shall be accompanied by each candidate's written acceptance of his or her nomination

9 Petition Candidates. Individual voting members may propose, by petition, names to be added to the IEEE annual election ballot for positions of the officers to be elected by the voting members or groups of voting members for the coming term

For all positions where the electorate is less than 30,000 voting members, signatures shall be required from 2% of the eligible voters

6 Single Nomination Slates. Submission by a Region or Division Nominating Committee of a slate containing a single nominee for a Delegate/Director or a Delegate-Elect/Director-Elect position may be accepted by the Board of Directors under special circumstances as specified in this Bylaw

For all positions where the electorate is more than 30,000 voting members, 600 signatures of eligible voters plus 1% of the difference between the number of eligible voters and 30,000 shall be required

Qualifications of petition candidates and procedures for announcement, distribution, and approval of petitions shall be specified in the IEEE Policies

Single-candidate slates, if any, shall also be submitted to the IEEE Nominations and Appointments Committee by 15 March of each year. They shall be accompanied by a written explanation of the reasons for submitting such a slate, along with evidence that all the relevant bylaws have been followed. The IEEE Nominations and Appointments Committee shall forward each such slate onto the Board of Directors with a recommendation for or against its acceptance. If the Board of Directors does not accept a single-candidate slate, the IEEE Nominations and Appointments Committee shall be responsible to the Board of Directors for obtaining a second candidate in a timely fashion

The completed petition shall be submitted in a letter to the Board of Directors, to be received at IEEE Headquarters no later than twelve o'clock noon on the Friday preceding 15 June of the year of the election

10 Approval of Ballot. During the period between the Friday preceding 15 June and 1 September of the year in which the election will be held, the Executive Committee shall be authorized to take any necessary actions on any petitions and to approve the ballot

(a) Region and Division Provisions for Single Candidates. Submission by a Region or Division of a proposed slate with a single nominee for the office of Region or Division Delegate/Director or Delegate-Elect/Director-Elect shall be permitted under extraordinary extenuating circumstances, if all of the conditions of the following paragraphs (i), (ii) and (iii) are fulfilled

11 Ballot Submission Schedule. On or before 1 September, the Board of Directors shall submit to eligible voting members on record as of 1 August, a ballot listing all nominees for the positions to be filled by election by the membership

12 Candidature Withdrawal. Each proposed nominee named by the Board of Directors shall be consulted and, if he/she so requests, his/her name shall be withdrawn. If any write-in candidate shall be declared to have won an election (see Bylaw I-308 14), he/she shall be so notified and requested to serve. If he/she declines to serve, the candidate receiving the next highest vote shall be declared to have won the election

(i) The voting members of said Region or Division shall be given a timely reminder (via THE INSTITUTE, newsletter, or other communication to all voting members) that nominations for the position of Director or Director-Elect may be placed on the ballot by petition. A copy shall be delivered to the Managing Director for RAB or TAB for use by the RAB or TAB Nominations & Appointments Committee, and to the IEEE Executive Director for use by the IEEE Nominations & Appointments Committee at the same time it is given to the members

13 Ballot Presentation. The list of nominees required to be submitted to all voting members by the Constitution shall contain one or more names for the office of President-Elect

(ii) At least two-thirds of the Region or Division Nominating Committee members shall have voted to submit a single candidate

The ballot presented to voting members of each of the Regions/Divisions where an election of Region/Division Delegate/Director or Region/Division Delegate-Elect/Director-Elect is to take place shall contain the names of not fewer than two nor more than three candidates submitted in accordance with the RAB and TAB sections of these Bylaws. In addition, the ballot shall contain the names of candidates nominated by valid petitions in accordance with IEEE Policy 13 8. The source of nomination of each candidate shall be identified. When desired, the Region ballot may also contain names of candidates for other Region offices (other than Region Delegate/Director) as determined by the Region Committee. If an individual is a voting member in Societies in more than one Division, that individual may participate in the

(iii) The Bylaws of the Region, or the Constitutions and Bylaws of all Societies within the Division explicitly allow for the submission of a single candidate. A copy is to be on file with the Managing Director, Regional Activities Department

8 Voting Members Candidate Notification. In accordance with Article XII of the IEEE Constitution, the Board of Directors

election of each such Division. Regardless of how many Society memberships may be held within any one Division, an individual shall have only one vote in each Division election.

For those cases where more than one candidate is on the ballot for any single office, the source of the nominations shall be identified adjacent to each name and the order of the list of names on the ballot for each office shall be randomized or determined by a lottery process conducted by the Tellers Committee. The ballot shall carry a statement to the effect that the order of the names was randomized or selected by lottery and indicates no preference.

signatures required on a petition shall be determined as follows. For all positions where the electorate is less than 30,000 voting members, signatures shall be required from 2% of the eligible voters. For all positions where the electorate is more than 30,000 voting members, 600 signatures of eligible voters plus 1% of the difference between the number of eligible voters and 30,000 shall be required.

Members shall be notified of all duly made nominations prior to the election. Prior to submission of a nomination petition, the petitioner shall have determined that the nominee named in the petition is willing to serve, if elected, evidence of such willingness to serve shall be submitted with the petition.

- 14 Ballot Marking, Voting, Tellers Committee Announcement, Election Results. Ballots will be valid only when completed in accordance with the instructions accompanying the ballot and when received at IEEE Headquarters or by a qualified organization designated by the IEEE Executive Committee before twelve o'clock noon on the first working day following 31 October (the "final election ballot receipt date"). Ballots shall be validated and votes shall be tallied under the actual or delegated supervision of the Tellers Committee not later than the fifth working day following the final election ballot receipt date. As provided in Bylaw I-306 20, the Tellers Committee shall announce the result of the tally of the votes not later than the eighth working day following the final election ballot receipt date in a report to the Board of Directors signed by the Chair of the Tellers Committee. The results of the vote shall become official upon acceptance by the Board of Directors of the Tellers Committee report, and if applicable the Credentials Committee report. Each nominee for office listed on the ballot and each write-in candidate having votes recorded in such report according to Bylaw I-308 14 shall be advised promptly of the Tellers Committee tally of the votes applicable to their respective elections. Eligible voting members shall be permitted to vote in each election for one nominee for each office appearing on the ballot. Subject to Bylaws I-302 9 and I-306 5, the nominee, for each office for which the election is being held, receiving the greatest number of qualified votes shall be declared elected. In the event of a tie vote, the Board of Directors shall choose between the nominees involved.
- 15 Write-in Votes, Election Report. For IEEE elections and elections of all organizational units where ballots are used, the ballots shall include and identify, for each office in said election, space in which the voter may indicate the name of any person he/she desires to elect to that office, provided the individual is not already on the official ballot for the intended position. For such names to be counted in the election, each person so indicated shall meet such qualifications as may be specified for the office by the Constitution or Bylaws of the organizational unit conducting the election. The number of votes so cast for any such person shall have the same effect on the outcome of the election as if his/her name had been submitted on the ballot. The tally of such votes shall be included in the election report whenever the number of votes is sufficient to affect the order of preference of the candidates for the office. The provisions of Bylaw I-308 13 shall be observed.
- 16 Unit Nominations and Petition. For each elective office in any organizational unit of the IEEE, which does not appear on the IEEE annual election ballot, individual voting members eligible to vote in such election may nominate candidates either by a written petition or by majority vote at a nomination meeting of the organizational unit, provided such nominations are made at least 28 days before the date of election. The number of

Application for Extension of Time To File an Exempt Organization Return

OMB No. 1545-1709

▶ File a separate application for each return.

- If you are filing for an **Automatic 3-Month Extension**, complete only **Part I** and check this box
 - If you are filing for an **Additional (not automatic) 3-Month Extension**, complete only **Part II** (on page 2 of this form).
- Do not complete Part II unless you have already been granted an automatic 3-month extension on a previously filed Form 8868.**

Part I Automatic 3-Month Extension of Time—Only submit original (no copies needed)

Form 990-T corporations requesting an automatic 6-month extension—check this box and complete Part I only
All other corporations (including Form 990-C filers) must use Form 7004 to request an extension of time to file income tax returns. Partnerships, REMICs, and trusts must use Form 8736 to request an extension of time to file Form 1065, 1066, or 1041.

Electronic Filing (e-file). Form 8868 can be filed electronically if you want a 3-month automatic extension of time to file one of the returns noted below (6 months for corporate Form 990-T filers). However, you cannot file it electronically if you want the additional (not automatic) 3-month extension, instead you must submit the fully completed signed page 2 (Part II) of Form 8868. For more details on the electronic filing of this form, visit www.irs.gov/efile.

Type or print	Name of Exempt Organization Institute of Electrical and Electronics Engineers, Inc. (IEEE)	Employer identification number 13 : 1656633
File by the due date for filing your return. See instructions	Number, street, and room or suite no. If a P O box, see instructions. 445 Hoes Lane	
	City, town or post office, state, and ZIP code For a foreign address, see instructions Piscataway, New Jersey 08854	

Check type of return to be filed (file a separate application for each return):

- | | | |
|--|---|------------------------------------|
| <input checked="" type="checkbox"/> Form 990 | <input type="checkbox"/> Form 990-T (corporation) | <input type="checkbox"/> Form 4720 |
| <input type="checkbox"/> Form 990-BL | <input type="checkbox"/> Form 990-T (sec. 401(a) or 408(a) trust) | <input type="checkbox"/> Form 5227 |
| <input type="checkbox"/> Form 990-EZ | <input type="checkbox"/> Form 990-T (trust other than above) | <input type="checkbox"/> Form 6069 |
| <input type="checkbox"/> Form 990-PF | <input type="checkbox"/> Form 1041-A | <input type="checkbox"/> Form 8870 |

• The books are in the care of ▶ **Ms. Stella Oduyela, IEEE Accounting Director**

Telephone No. ▶ (**732**) **562-5375** FAX No. ▶ (**732**) **562-5455**

- If the organization does **not** have an office or place of business in the United States, check this box
- If this is for a **Group Return**, enter the organization's four digit Group Exemption Number (GEN) _____ . If this is for the **whole** group, check this box . If it is for part of the group, check this box and attach a list with the names and EINs of all members the extension will cover.

1 I request an automatic 3-month (6-months for a **Form 990-T corporation**) extension of time until **August 15**, 20**05**, to file the exempt organization return for the organization named above. The extension is for the organization's return for:
 ▶ calendar year 20**04** or
 ▶ tax year beginning _____, 20____, and ending _____, 20____

2 If this tax year is for less than 12 months, check reason: Initial return Final return Change in accounting period

3a If this application is for Form 990-BL, 990-PF, 990-T, 4720, or 6069, enter the tentative tax, less any nonrefundable credits. See instructions \$ 0

b If this application is for Form 990-PF or 990-T, enter any refundable credits and estimated tax payments made. Include any prior year overpayment allowed as a credit \$ 0

c Balance Due. Subtract line 3b from line 3a. Include your payment with this form, or, if required, deposit with FTD coupon or, if required, by using EFTPS (Electronic Federal Tax Payment System). See instructions \$ 0

Caution. If you are going to make an electronic fund withdrawal with this Form 8868, see Form 8453-EO and Form 8879-EO for payment instructions.

- If you are filing for an **Additional (not automatic) 3-Month Extension**, complete only **Part II** and check this box **Note.** Only complete Part II if you have already been granted an automatic 3-month extension on a previously filed Form 8868.
- If you are filing for an **Automatic 3-Month Extension**, complete only **Part I** (on page 1).

Part II Additional (not automatic) 3-Month Extension of Time—Must File Original and One Copy.

Type or print File by the extended due date for filing the return. See instructions.	Name of Exempt Organization Institute of Electrical and Electronics Engineers, Inc. (IEEE)	Employer identification number 13 1656633
	Number, street, and room or suite no. If a P.O. box, see instructions 445 Hoes Lane	For IRS use only
	City, town or post office, state, and ZIP code. For a foreign address, see instructions. Piscataway, New Jersey 08854	

Check type of return to be filed (File a separate application for each return):

- Form 990
- Form 990-T (sec. 401(a) or 408(a) trust)
- Form 5227
- Form 990-BL
- Form 990-T (trust other than above)
- Form 6069
- Form 990-EZ
- Form 1041-A
- Form 8870
- Form 990-PF
- Form 4720

STOP: Do not complete Part II if you were not already granted an automatic 3-month extension on a previously filed Form 8868.

- The books are in the care of **Ms. Stella Oduyela, IEEE Accounting Director**
Telephone No. **732 562-5375** FAX No. **732 562-5455**
- If the organization does not have an office or place of business in the United States, check this box
- If this is for a **Group Return**, enter the organization's four digit Group Exemption Number (GEN) _____ If this is for the **whole group**, check this box . If it is for **part of the group**, check this box and attach a list with the names and EINs of all members the extension is for.

- I request an additional 3-month extension of time until **November 15**, 20**05**.
- For calendar year **2004**, or other tax year beginning _____, 20____, and ending _____, 20____.
- If this tax year is for less than 12 months, check reason: Initial return Final return Change in accounting period
- State in detail why you need the extension **The independent audit of our 2004 financial statements is still in the process of being completed, and therefore we need additional time to prepare Form 990. We will also need additional time for the independent auditors to review Form 990 before filing with the IRS.**
- a If this application is for Form 990-BL, 990-PF, 990-T, 4720, or 6069, enter the tentative tax, less any nonrefundable credits. See instructions \$ _____
- b If this application is for Form 990-PF, 990-T, 4720, or 6069, enter any refundable credits and estimated tax payments made. Include any prior year overpayment allowed as a credit and any amount paid previously with Form 8868 \$ _____
- c **Balance Due.** Subtract line 8b from line 8a. Include your payment with this form, or, if required, deposit with FTD coupon or, if required, by using EFTPS (Electronic Federal Tax Payment System). See instructions. \$ _____

Signature and Verification

Under penalties of perjury, I declare that I have examined this form, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete, and that I am authorized to prepare this form

Signature David E. Galicki Title Tax Director, CPA Date 8/10/05

Notice to Applicant—To Be Completed by the IRS

- We have approved this application. Please attach this form to the organization's return.
- We have not approved this application. However, we have granted a 10-day grace period from the later of the date shown below or the due date of the organization's return (including any prior extensions). This grace period is considered to be a valid extension of time for elections otherwise required to be made on a timely return. Please attach this form to the organization's return.
- We have not approved this application. After considering the reasons stated in item 7, we cannot grant your request for an extension of time to file. We are not granting a 10-day grace period.
- We cannot consider this application because it was filed after the extended due date of the return for which an extension was requested.
- Other _____

EXTENSION APPROVED
AUG 18 2005
SUBMISSION PROCESSING, OGDEN

By _____ Date _____
Director

Alternate Mailing Address — Enter the address if you want the copy of this application for an additional 3-month extension returned to an address different than the one entered above.

Type or print	Name Institute of Electrical and Electronics Engineers, Inc. ATTN: David Galicki	442 AUG 09 2005 OGDEN, UT IRS-OSC IP
	Number and street (include suite, room, or apt. no.) or a P.O. box number 445 Hoes Lane	
	City or town, province or state, and country (including postal or ZIP code) Piscataway, New Jersey 08854	

ENVELOPE AUG 02 2005 POSTMARK DATE