IEEE Communications Society 2003

IEEE Communications Society

… a diverse group of international communications professionals with a common interest in advancing all communications technologies. Toward that end it sponsors publications, conferences, educational programs, local activities, and technical committees that:

- *Foster original work in all aspects of communications.*

- *Encourage applications for voice, data, image, and video communications and the integration of computing and communications.*

- *Promote the theory and development of end–to–end communications networking and systems.*

- *Advance communications infrastructure and technologies for systems including the Internet, personal communications, multimedia communications, enterprise networks, and optical communications.*

Communications Society Vision

To be the organization of choice for communications and related professionals throughout the world

- *World-leading membership services*
- *Professional values, diverse volunteerism and sound management*
- *Magnet for presentation and debate attracting the best people and the best work in the world*
- *Financial strength with defined strategic directions*
- *Agility and response to member needs in a timely fashion*

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Communications Society Mission

The IEEE Communications Society promotes the advancement of science, technology and applications in communications and related disciplines. It fosters presentation and exchange of information among its members and the technical community throughout the world. The Society maintains the highest standard of professionalism and technical competency.

Strategic Elements

- **Agility in response to member needs and world industry dynamics**
- **Applications of electronic processes**
    - **Web, CD-ROM, other**
    - **Electronic attendance**
    - **Electronic commerce**
- **Information Gateway**
- **Experimental Innovation**
- **Membership "stretch" goals**
- **Accelerated globalization in all aspects**
- **Partnership with the world industry**
- **Cooperation with the IEEE Computer Society/other IEEE Societies/Sister-Societies**
- **Health of the parent organization and its smaller Societies**

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Virtual Communications Society

The expanded and extended community of communications industry professionals sharing the common interest of advancing communications technologies.

- **Serving member and nonmember needs**
- **Interacting extensively with ComSoc's Information Gateway**
- **Offering electronic publication**
- **Developing online education and reference**
- **Facilitating electronic attendance**
- **Supporting electronic commerce**
- **Fostering global collaboration**

IEEE Communications Society

FORMATION

- *1952 IRE Professional Group on Communications Systems (PGCS)*
- *1964 IEEE Group on Communications Technology (ComTech) – 4,400*
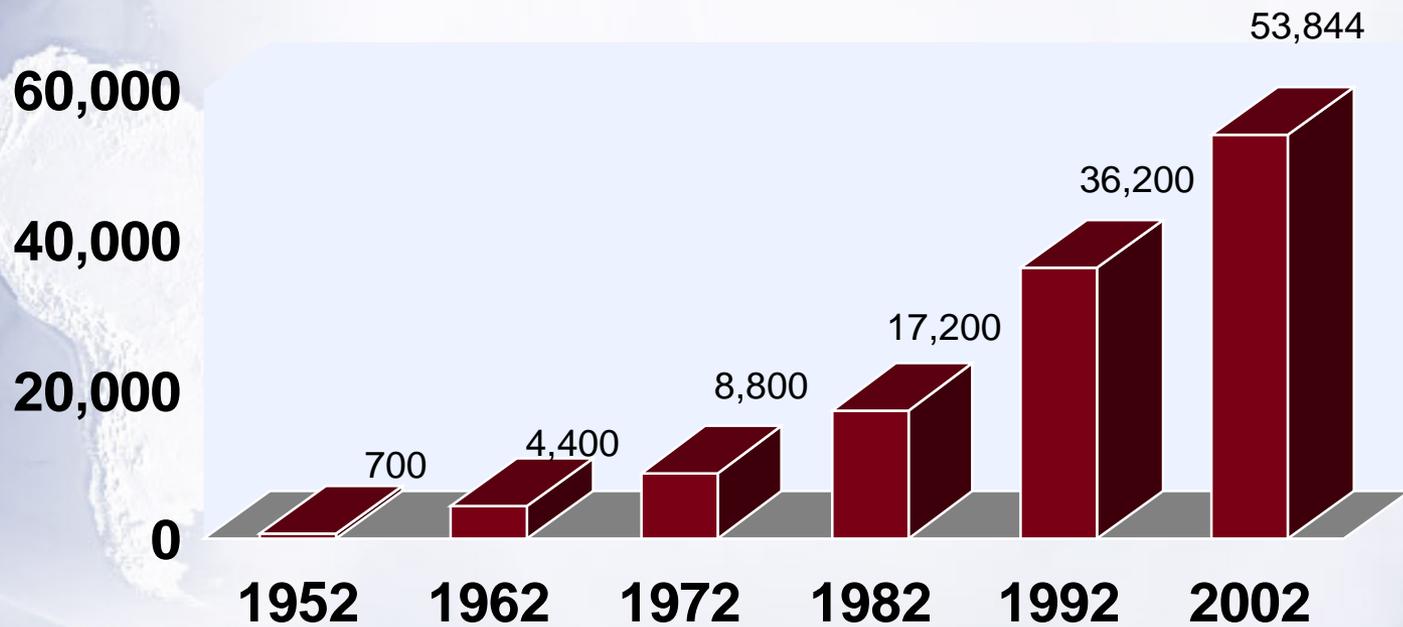- *1972 IEEE Communications Society (ComSoc) – 8,800*

MEMBERSHIP

Members	45,953	Region 1-6	53%
Students	6,379	Region 7	5%
Affiliates	512	Region 8	21%
Total 2002	**53,844**	Region 9	4%
		Region 10	18%
		US	53%
		Non-US	47%

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Membership Growth

Where Members Live

Europe/Africa Middle East
37 Chapters

21%

Latin America
18 Chapters

4%

Asia/Pacific
22 Chapters

18%

Canada
13 Chapters

5%

US 60 Chapters

53%

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Member Employment

Academic or Gov't
Design & Development   5%

Students 10%

Industry
Design & Development
39%

All Other 8%

Academic or Gov't
Other 1%

Academic or Gov't
Research 11%

Industry Research 11%
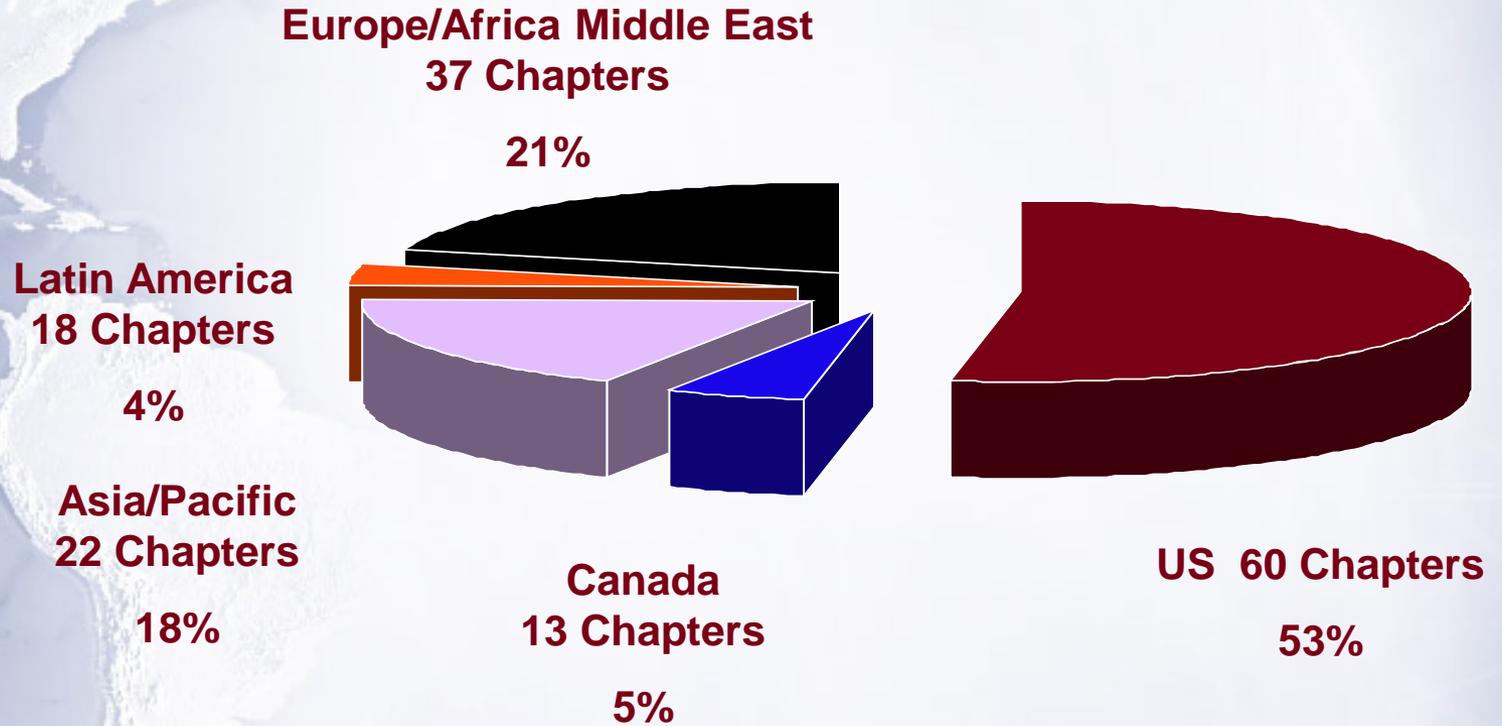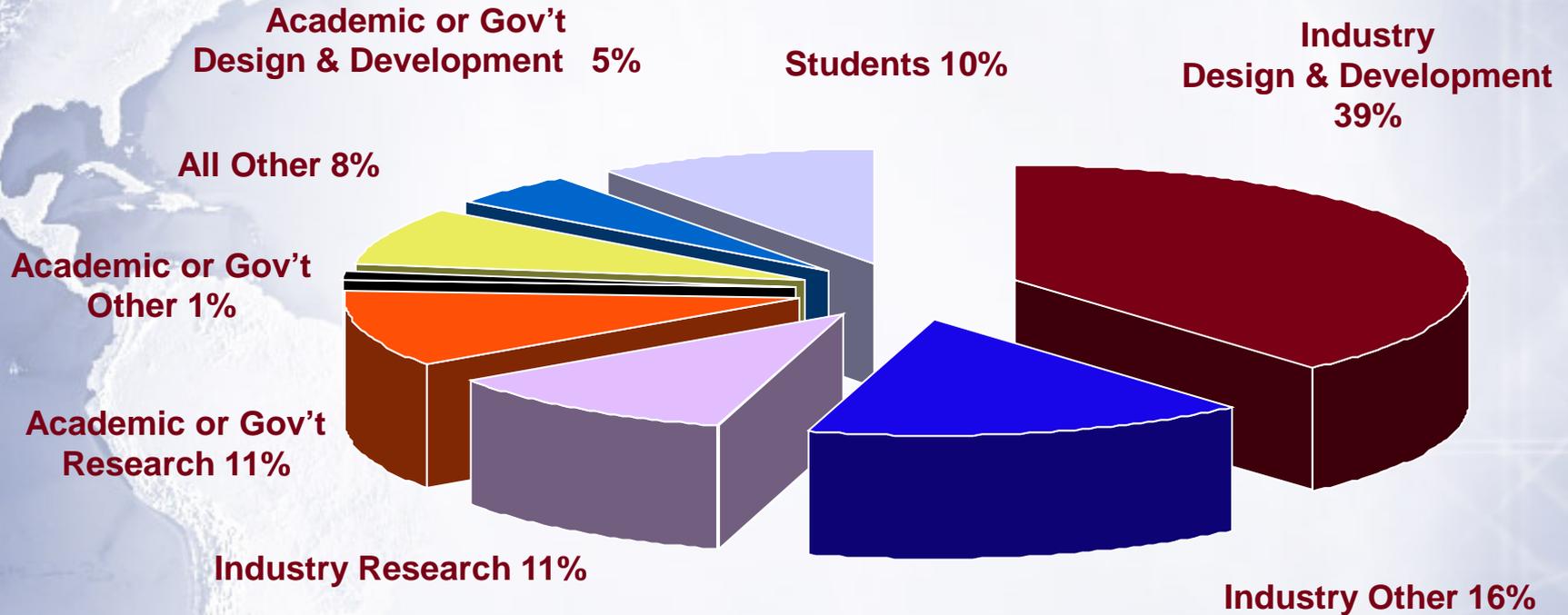
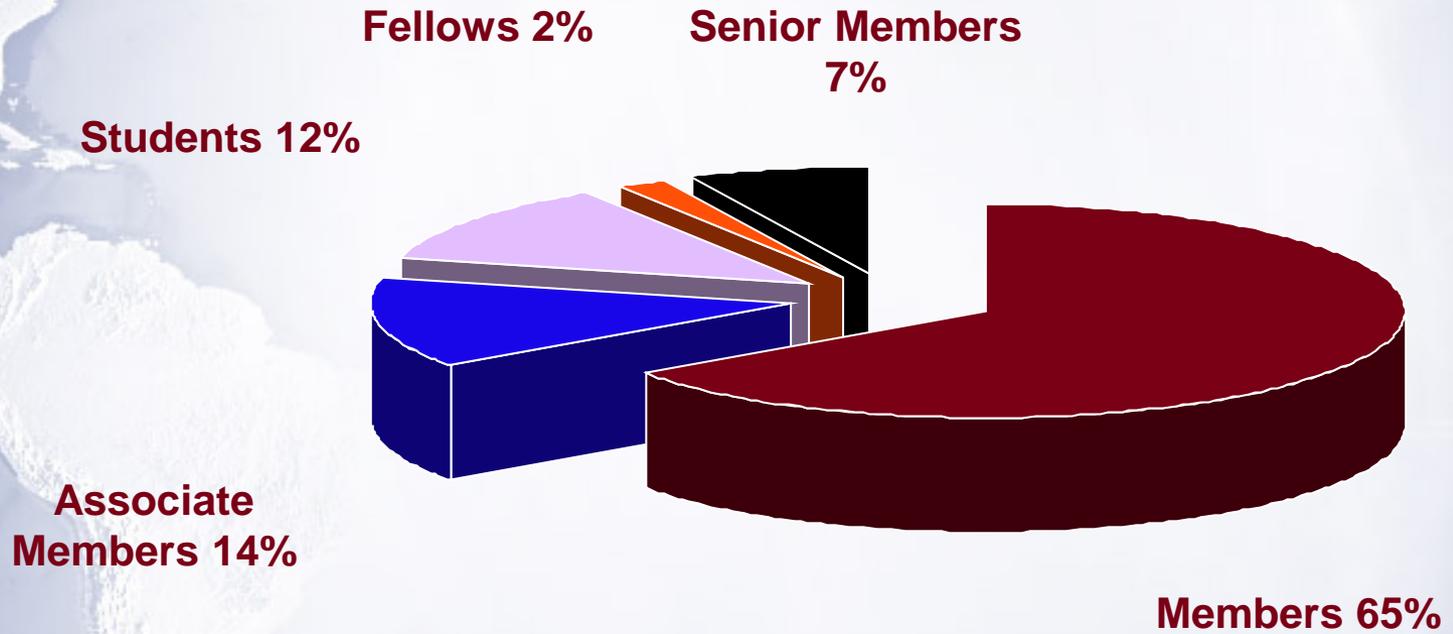Industry Other 16%

Industry Other includes operations, marketing, finance, etc.

All Other includes retired and unemployed.

Members by Grade

Fellows 2%

Senior Members 7%
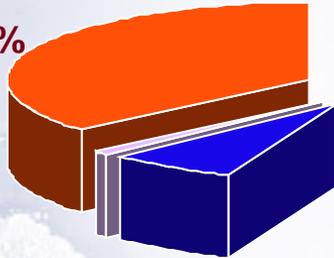
Students 12%

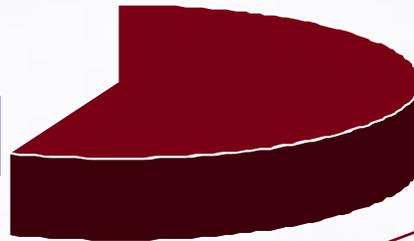Associate Members 14%

Members 65%

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Revenue *($16 million budget)*

Publications (including advertising) 35%
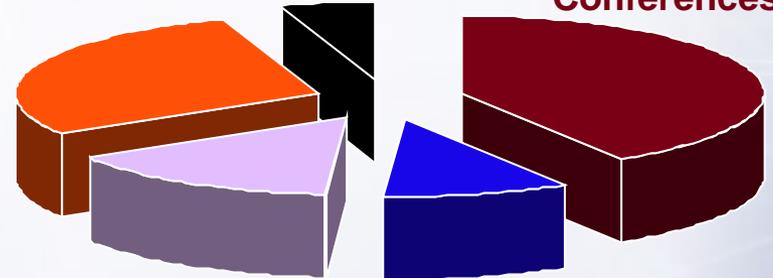
Conferences 57%

Other 1%

Membership Dues 7%

Expenses

Membership & Marketing 5%

Publications 29%

Conferences 41%

Administration 15% (Salaries and facilities allocated to functions)

Programs 10%

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IEEE Communications Society
Publications

IEEE Communications Magazine *(Includes Global Communications Newsletter and supplements – Optical Communications; Radio Communications)*

IEEE Wireless Communications Magazine

IEEE Network: The Magazine of Global Internetworking

IEEE Transactions on Communications

IEEE Journal on Selected Areas in Communications

IEEE Communications Letters

IEEE Transactions on Wireless Communications

IEEE/ACM Transactions on Networking

IEEE Pervasive Computing

IEEE Transactions on Multimedia

IEEE Transactions on Mobile Computing

IEEE/OSA Journal of Lightwave Technology

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On Line Publications

- **ComSoc Digital Archives - CommOntology**
  (Search & display metadata via the CommOntology)
- **ComSoc Electronic Periodical Package (EPP & EPP Plus)**
  (electronic access (pdfs) to ComSoc periodicals & proceedings)
- **IEEE Communications Interactive**
  (electronic html edition of *IEEE Communications Magazine*)
- **IEEE Wireless Communications Interactive**
  (electronic html edition of *IEEE Wireless Communications Magazine)*
- **IEEE Network Interactive**
  (electronic html edition of *IEEE Network Magazine*)
- **IEEE Communications Surveys and Tutorials**
  (online only publication)
- **ComSoc e-News**
  (free bi-monthly message to members and requesters)

Communications Society journals and transactions also available electronically through IEEE's www site - Xplore

IEEE Communications Society
Major Conferences

GLOBECOM
Global Communications Conference
(November/December) Attendance 1500-2000

MILCOM
Military Communications Conference (October)
Attendance 800-1000

NOMS
IEEE/IFIP Network Operations and Management
Conference -- even years (April) Attendance 500

IM
International Symposium on Integrated Network
Management -- odd years (March)

ICC
International Conference on Communications
(May/June) Attendance 1500-2000

OFC
Optical Fiber Conference
Joint with LEOS and OSA (Managing Partner)
(March) Attendance 25,000+

WCNC
Wireless Communications and Networking Conference
(March) Attendance 450

INFOCOM
Conference on Computer Communications
(April) Attendance 700

NEW
CCNC
Consumer Communications and Networking Conference
(January)

**In addition, ComSoc sponsors or cosponsors an average of 40+ conferences,
symposiums and workshops each year.**

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How to Become a Member

To join the IEEE and/or the Communications Society,
complete the on-line application or request an application form via:

web: www.comsoc.org or www.ieee.org

e-mail: new.membership@ieee.org

tel: +1 800 678 IEEE (USA or Canada)

           +1 732 981 0060 (worldwide)

fax: +1 732 981 0225

mail: IEEE Admissions and Advancement

           445 Hoes Lane, P.O. Box 459

           Piscataway, NJ 08855-0459 (USA)

IEEE Communications Society
Technical Activities

Bill Tranter, Vice President

Technical Committee Chairs

Communications Quality and Reliability - *K. Asatani*

Communications Software - *A. Mishra*

Communications Switching & Routing - *R. Thompson*

Communications Systems Integration & Modeling *M. Devetsikiotis*

Communication Theory - *S. Benedetto*

Computer Communications – *D. Verma*

Enterprise Networking – *P. Ray*

Gigabit Networking - *J. Evans*

Information Infrastructure - *J.-T. Park*

Interconnections in High-Speed Digital System - *G. Papen*

Internet - *J. Touch, C. Kalmanek*

Multimedia Communications - *S. Moyer*

Network Operations and Management - *S. Marcus*

Optical Networking - *H. Mouftah*

Personal Communications – *K. Letaief*

Radio Communications - *M. Chiani*

Satellite and Space Communications – *R. Smith*

Signal Processing and Communications Electronics *J. Elmirghani*

Signal Processing for Storage – *G. Silvus*

Tactical Communications - *K. Young, Jr.*

Transmission Access & Optical Systems - *M. Hamdi*

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Membership Development

Distinguished Lecturer Tours
Designated speakers available to speak at Chapter and Section functions.
Contact: *Bhaskar Sengupta*
email: *bsengupta@ieee.org*

Chapter Achievement Award
Selected chapters will be recognized through certificates and $500 awards. Interested Chapter Chairs must complete the annual Chapter Questionnaire.

NEW

Chapter Funding for Activities
Funding to assist ComSoc Chapters in their activities.
Contact: *Bhaskar Sengupta*
email: *bsengupta@ieee.org*

Grants to Attend Conferences
A number of student and professional travel grants are available to attend conferences.

Free Publications to Chapters
Each Chapter may receive complimentary subscriptions to ComSoc periodicals.

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IEEE Communications Society Awards

IEEE Communications Society Edwin Howard Armstrong Achievement Award

IEEE Communications Society Donald W. McLellan Meritorious Service Award

IEEE Communications Society Award for Public Service in the Field of Telecommunications

IEEE Communications Society Publications Exemplary Service Award

IEEE Communications Society Meetings & Conferences Exemplary Service Award

IEEE Communications Society Distinguished Industry Leaders Award

The Communications Society Best Tutorial Paper Award

The Communications Society Leonard G. Abraham Prize Paper Award in the Field of Communications Systems

The Communications Society Stephen O. Rice Prize Paper Award in the Field of Communications Theory

The Communications Society William R. Bennett Prize Paper Award in the Field of Communications Circuits and Techniques

Fred W. Ellersick Prize

IEEE Communications Society/Information Theory Joint Paper Award

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Sister Societies & Related Societies

France (SEE)
Société des électriciens et des électroniciens

Latvia (LITTA)
Latvian Information Technology &
Telecommunications Association

Korea (KICS)
Korea Institute of
Communication Sciences

Germany (VDE/ITG)

Croatia (CCIS)
Communications and Information Society

Russia (POPOV)
The Russian Popov Society for Radio Engineering,
Electronics, and Communications

Slovenia (EZS)
The Electrotechnical Association of Slovenia

China (CIC)
China Institute of Communications

Japan (IEICE)
The Institute of Electronics
Information and Communication
Engineers

Italy (AEI)
Associazione Elettrotecnic ed
Elettronica Italiana

China (CIE)
The Chinese Institute of Electronics

Taiwan (CIEE)
Chinese Institute of Electrical
Engineering

Israel (AEAI)
Association of Engineers and
Architects of Israel

Internet Society (ISOC)
International

India (IETA)
The Institute of Electronics and
Telecommunications Engineers

Vietnam (REV)
The Radio & Electronics
Association of Vietnam

Brazil (SBT)
Socidade Brasileira de
Telecomunicações

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Services

Publications & Digital Library

Meetings & Conferences

Chapter Support

Online Services

Education & Tutorials

Recognition & Awards

Technical Activities
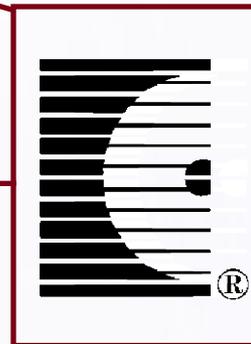
IEEE Communications Society
Distinguished Lecturers Program

Provided as a service to local Chapters and their members, Distinguished Lecture Tours can be arranged in response to a request from one or more Chapter Chairs; but they may also be initiated by a Regional Director, the Director – Membership Programs Development, or the Vice President - Membership Development. Tours are organized to benefit existing members and Chapters but can also be effective in generating membership and encouraging new chapter formation.
Up to five DLTs in each Region can be supported each year.

- Funding is provided to enable a lecturer to address multiple groups on a lecture tour. Individual lectures are not funded.

- Tours involve a series of lectures, addressing at least three groups in three separate locations within reasonable geographical proximity to each other.

- "Grassroots" organizers may be Chapters or Sections, local conference organizers, or even a group of members in an area where no ComSoc chapter exists. Organizers work with their Regional Director, who facilitates arrangements and recommends the tour to the Director- Membership Programs Development.

- Final approval is the responsibility of the Director - Membership Programs Development. Lecturers are approved by him/her in conjunction with the appropriate Regional Director and, when needed, the Vice President - Technical Activities.

- All arrangements must be made in advance with local sponsoring groups. At least two months lead time is recommended to allow local groups time to advertise.

- Funding is provided, as required, to cover the lecturer's travel expenses. Living expenses, such as lodging and meals, plus transportation to and from the airport, are generally the responsibility of the local Chapter.

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Board of Governors

President
Celia Desmond

President Elect	IEEE Division III Director	Treasurer	Parliamentarian	Chief Information Officer	Members-At-Large

VP Membership Services	VP Technical Activities	VP Society Relations	VP Membership Development

Director Education	Director Online Services	Director Journals	Director Magazines	Director Meetings & Conferences	Director Related Societies	Director Sister Societies

Director Marketing	Director Membership Programs	Director AP Region	Director EAME Region	Director LA Region	Director NA Region

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IEEE Communications Society
How to Reach Us

Celia Desmond
President
V.P. c.desmond@sympatico.ca

Bill Tranter
Technical Activities
btranter@vt.edu

Alex Gelman
V.P. Society Relations
adg@research.panasonic.com

Roberto Saracco
V.P. Membership Services
roberto.saracco@TILAB.com

Trevor Clarkson   **V.P.**
Membership Development
t.g.clarkson@ieee.org

Curtis Siller
President-Elect
csiller@ieee.org

Harvey Freeman
Treasurer
hafreeman@aol.com

Steve Weinstein
Director, IEEE Division III
weinstein5@home.com

Roberta Cohen
Chief Information Officer
robbiecohen@home.com

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IEEE Communications Society
How to Reach Us

Officers

Kwang-Cheng Chen
Director, AP Region
chenkc@inprocomm.com

Adam Livne
Director, EAME Region
livne@actcom.co.il

Jorge Hedderwick
Director, LA Region
j.hedderwick@ieee.org

Pierre Perra
Director, NA Region
pierre@computer.org

Dale Harris
Director, Education
harris@isl.stanford.edu

Joe LoCicero
Director, Journals
jll@ece.iit.edu

Byeong Gi Lee
Director, Magazines
blee@snu.ac.kr

Chih Lin I
Director,
Meetings & Conferences
icl2@itri.org.tw

Nelson Fonseca
Director, Online Services
nfonseca@ic.unicamp.br

Howard Blank
Director, Marketing
howardblank@ieee.org

Bhaskar Sengupta
Director,
Membership Programs
bsengupta@ieee.org

Algirdas Pakstas
Director, Sister Societies
a.pakstas@ieee.org

Curtis Siller
Director, Related Societies
csiller@ieee.org

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IEEE Communications Society Staff

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How to Reach Us

Jack Howell
Executive Director
j.howell@comsoc.org

Carole Swaim
Senior Administrator
c.swaim@comsoc.org

John Pape
Marketing Manager
j.pape@comsoc.org

Bruce Worthman
Supervisor, Finance & Administration
b.worthman@comsoc.org

Staff

Eric L. Levine
Advertising Manager
e.levine@comsoc.org

Joseph Milizzo
Publications Manager
j.milizzo@comsoc.org

David Alvarez
Info System/Network Manager
d.alvarez@comsoc.org

Brian Bigalke
Manager, Meetings & Conferences
b.bigalke@comsoc.org

IEEE Communications Society
305 East 47th Street
New York, NY 10017 USA

Tel.: +1 212 705 8900
Fax: +1 212 705 8999
e-mail: society@comsoc.org

After 30 November 2003

3 Park Avenue
New York, NY 10016 USA

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