



# Engineering a Brighter Future with IEEE

**IEEE Membership:** Join the innovators of tomorrow

[www.ieee.org/join](http://www.ieee.org/join)





# IEEE Membership

IEEE exists because of its more than 400,000 members around the world.  
For 125 years, IEEE has enabled members to shape the world's technological future.  
Become part of our journey toward tomorrow's innovations.

# Join us.



# Engineering a Brighter Future

IEEE members are presented with resources, opportunities and discounts that can help advance and accelerate your career.

Through IEEE, you can find colleagues who share your expertise and commitment. You can be among those who are moving technology forward today.



Throughout your IEEE membership, IEEE can help you grow in these key areas:

## Knowledge

**Access to the latest and best research**—news, television programs and educational resources needed to expand your expertise and stay current.

## Profession

**Advance toward your career goals** through IEEE programs that can help increase your skills, give or receive mentoring, earn scholarships and much more.

## Community

**Become part of the world's largest community** of technology professionals—a network of communication and learning that is unrivaled in the industry.

What can you achieve  
as an IEEE Member?





**Dr. Mathukumalli Vidyasagar**  
IEEE Fellow

**WHO HE IS:**

Head, Bioengineering Dept.,  
University of Texas, Dallas

Chair, IEEE Life Sciences  
Committee

**WHAT HE DOES:**

Spent the last 20 years working  
on turning his homeland, India,  
into a global engineering center.

"I have been an IEEE member since I was a student in 1969. Back then, the journals were not only important for technical information, but also for getting my own work published in the top journals in my field. Today, IEEE's great tools can spread boundaries of knowledge, bridge the geographic gap and help make other countries feel part of the global community. IEEE itself is a very open community. You can freely migrate from one specialty to another during a research career and no one puts obstacles in your way."

# As an IEEE Member, Your Efforts are Rewarded

Investing time with IEEE's abundant technical resources and collaborating with member groups are two opportunities for your efforts to yield tangible rewards. Set goals and achieve results with IEEE.

Ask yourself:  
What aspect of your professional life would you like to strengthen?

Build and share your knowledge

Hone your expertise

Expand or specialize your network of colleagues

Advance your career

Give back to the profession or your local community

All of these are attainable as an active IEEE member.



- **Publications** and **eBooks** keep your knowledge current
- **IEEE Societies** offer you the chance to explore solutions within a community of colleagues in your field
- **Discounted access to vast online document libraries** of **journals, standards** and **conference papers** offer professionals one-third of the world's technical research

That's only the beginning of IEEE membership.  
IEEE can help you get where you want to go.



# IEEE Offers Opportunities for Members

Career and professional support is readily available to IEEE members. You can always turn to your fellow members for help and guidance, or to help someone else.

## Professional Connections Network

The support, advice and knowledge of a fellow professional are valuable gifts to receive—or give.

**IEEE Mentoring Connection™** is an online service that connects members who wish to mentor with those who seek professional development, educational guidance, or job advice.

"The mentoring connection provided me with the channel to connect with a mentor." —David Ng (mentee)



"It's helped me develop an understanding for a different culture that I'll be able to apply to my work." —Loren Lacey (mentor)



PHOTO: Pacific Northwest National Laboratory

"To make lasting contributions to a discipline, you really need to have an organization like IEEE behind you... Early on, to advance my career, I made use of IEEE conferences."

—Dr. Deborah Frincke, IEEE Senior Member, Chief Scientist for Cybersecurity Research, Pacific Northwest National Laboratory

## Conference Connections

**Discounts on seminars and premier conferences** are an invaluable member asset, whether you are a student, young professional or established professional.

IEEE sponsors over 900 annual conferences and meetings worldwide. All of them offer a major opportunity to collaborate about the latest research with those in your area of interest.

IEEE's conference proceedings will keep you current and help you take advantage of new opportunities.

### IEEE Conferences Cover Today's Leading Technologies

- 3D Display Technology
- Cloud Computing
- Cybersecurity
- Data Mining
- Image Processing
- OFDM
- Photovoltaics
- Renewable Energy
- RFID
- Smart Grid
- WiMAX/4G
- ZigBee Wireless

# IEEE Helps You Stay Current with Technology

IEEE is committed to helping members stay current and influence the profession by providing access to the knowledge you need.

## IEEE Spectrum Magazine

Expand your exposure to technology by turning the pages of *IEEE Spectrum* magazine, free to members. Inside this award-winning magazine, you will find insights into technology advances and the dedicated professionals who drive innovation. You might even discover a surprising new path to your future.



## IEEE.tv

Award-winning IEEE.tv offers exclusive members-only video programming and transcripts. Over 250 programs examine topics from technology and engineering to author interviews and product news. It shows you where technology has been, where it is today, and where it might take you.

## IEEE Xplore® Digital Library

**Discounted access** to the IEEE Xplore digital library is an immense online resource. Members receive discounts on single articles or the entire library, as well as free access to the abstracts and tables of contents—over 2.5 million documents in all, spanning journals and magazines, conference proceedings, standards and more.



“IEEE itself is a very open community. You can freely migrate from one specialty to another during a research career and no one puts obstacles in your way.” —Dr. Mathukumalli Vidyasagar

# IEEE Members Advance the Profession

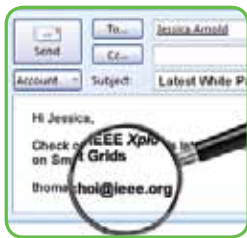
Thomas Edison was a founding IEEE member. Gordon Moore, co-founder of Intel Corporation, is an IEEE Medal of Honor recipient. Dr. Lawrence Roberts (right) is one of the founders of the Internet and an esteemed IEEE member. Inspired by pioneers such as these, 400,000 IEEE student, young professional, and established professional members worldwide advance technology every day.

“Looking across my eventful career, I can say that communication and collaboration were cornerstones of my success. As a member of IEEE, I find it is an invaluable source of information and conduit for discussion.”

—Dr. Lawrence Roberts

## Can IEEE membership help your career?

Yes. IEEE makes available valuable member-only tools that can help advance your technical career.



### Your Statement to Your Profession

An [@ieee.org](http://www.ieee.org) e-mail alias (complimentary to all IEEE members) allows members to display with confidence that they are dedicated, active technical professionals and part of a worldwide organization.



### Your Opportunities

IEEE helps members open doors with the [IEEE Job Site](http://www.ieee.org) and [Career Alert](http://www.ieee.org) e-mail updates. Rich with job information, the IEEE Job Site helps you keep an eye on job movement in your industry, then act on the best job opportunities.



### Your Expertise

Students and professionals alike can expand their expertise. Keep growing with [IEEE eLearning Library](http://www.ieee.org) courses and other educational opportunities available only to IEEE members. These resources allow you to acquire new skills and advance your professional development.



A portrait of Dr. Lawrence Roberts, an elderly man with white hair, wearing a light-colored striped shirt. He is standing in a server room with a dense background of colorful network cables (blue, yellow, red, green) and server racks. The image is framed by an orange border on the right and top.

**Dr. Lawrence Roberts**  
IEEE Member

**WHO HE IS:**  
Founder and current Chairman  
of Anagram, Inc.

**WHAT HE DOES:**  
Received the Draper Prize for  
development of the Internet with  
IEEE members Leonard Kleinrock,  
Robert Kahn and Vinton Cerf.

“The explosion of online information is a boon to students and professionals, especially if you happen to be a member of a worldwide technical organization like IEEE, which owns and aggregates multiple libraries of data. With a few clicks of the mouse, you can communicate with a research partner, download journal articles, or book a conference. It was this tremendous increase in the speed of knowledge transfer that I was hoping to achieve when I started the ARPANet, but who knows where it will lead.”

# IEEE Student Membership

Undergraduate and graduate student members reap the same benefits as professional members, such as **discounts on many technical resources** and **reduced registration fees for conferences**, plus **student discounts** on Society memberships, software, publications and more.

“IEEE is a key part in the development of my academic and corporate careers. Participating in IEEE and has developed me as a well-rounded engineer and helped me shine during networking events.”

—Likhitha Patha, Electrical Engineering Student, IEEE Student Branch President, Virginia Polytechnic Institute and State University



## Benefits for IEEE Student Members



**An IEEE Student Branch** offers technology competitions, expert speakers, professional instruction, community projects, plus the opportunity to build a network of IEEE members who can provide support after graduation in your professional life.



**Worldwide IEEE competitions** challenge students' skills in the **IEEEXtreme 24-Hour Programming Challenge**, **IEEE Presidents' Change the World Competition** and **IEEE Robotics and Design Competitions**.



**Achievement recognition—Eta Kappa Nu (HKN)**, the official honor society of IEEE, recognizes scholarship and academic excellence in IEEE technical fields of interest. Being nominated and achieving this honor as an IEEE student member can amplify a young professional career.

**Student Professional Awareness Conferences (S-PAC)** are launched by IEEE Student Branches. Successful engineers speak to students on topics that affect technical careers.

**Other student benefits** include awards programs, scholarships and grants, and special offers from IEEE partners.

To qualify for an IEEE student membership, students must be enrolled in at least 50% of a normal, full-time course of study in an IEEE designated field.

# IEEE Societies Expand the Value of Membership

Professionals and students\* can collaborate with technical colleagues in an **IEEE Society**. Each Society is focused on a specific technology sector. You will benefit from society members' expertise, hands-on research, journals, conferences and industry connections. Also, you can join one of IEEE's many dynamic special interest groups, such as the **IEEE Standards Association** or **IEEE Women in Engineering**.

## IEEE Societies

Aerospace and Electronic Systems

Antennas and Propagation

Broadcast Technology

Circuits and Systems

Communications

Components, Packaging and  
Manufacturing Technology

Computational Intelligence

Computer

Consumer Electronics

Control Systems

Dielectrics and Electrical Insulation

Education

Electromagnetic Compatibility

Electron Devices

Engineering in Medicine and Biology

Geoscience and Remote Sensing

Industrial Electronics

Industry Applications

Information Theory

Instrumentation and Measurement

Intelligent Transportation Systems

Magnetics

Microwave Theory and Techniques

Nuclear and Plasma Sciences

Oceanic Engineering

Photonics

Power Electronics

Power & Energy

Product Safety Engineering

Professional Communication

Reliability

Robotics and Automation

Signal Processing

Social Implications of Technology

Solid-State Circuits

Systems, Man and Cybernetics

Ultrasonics, Ferroelectrics and Frequency Control

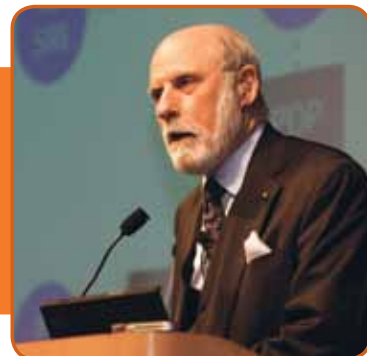
Vehicular Technology

Find out more: [www.ieee.org/go/societyvalue](http://www.ieee.org/go/societyvalue)

\* special discounts are available to qualified students

"It's the interaction among people, the side conversations, and the chatting in front of a whiteboard that makes IEEE so valuable."

—Dr. Vint Cerf, IEEE Fellow, Vice President & Chief Evangelist, Google





**Dr. Robin Murphy**  
IEEE Fellow  
IEEE Robotics and Automation  
Society Member

**WHO SHE IS:**  
Director of the Center for Robot-  
Assisted Search and Rescue

**WHAT SHE DOES:**  
Her team uses robots in search  
and rescue efforts at disaster  
sites around the world.

"Since I began as an IEEE Student Member, I've subscribed to many journals and used IEEE digital libraries, as well as broad publications that help me keep up with what is going on outside robotics. Conferences have been really important to me, as well. The IEEE Robotics and Automation Society has been very positive in terms of trying to engage women. One of the strong points of IEEE is that it has different things to offer you at different stages of your career."

# Connect With Your Professional Community

IEEE is a worldwide community of knowledgeable members. With other IEEE members who share similar technical interests, you can build a support group for your profession, industry or projects.

## How can IEEE members build a specialized professional network?

IEEE opens the doors to a wide range of communication opportunities, such as **professional conferences**, **educational seminars** and **local events**—benefits particularly helpful to students and professionals who are building young careers.

### The Member-to-Member Connection

As a member, your professional community begins with **IEEE memberNet**. IEEE memberNet is the exclusive directory of IEEE members. It is an invaluable online search and contact tool that connects you to member experts, helpers and advisors in all fields.



### Opportunities to Give and Receive



Like Dr. Murphy (far left), a large number of IEEE members take time to make a difference in the lives of individuals or entire communities. **Volunteering** is a rewarding way to apply your expertise to help others, develop interpersonal skills and create new professional relationships.



**The IEEE Humanitarian Technology Network (HTN)** is a multimedia repository of IEEE member humanitarian efforts around the world. HTN facilitates communication between IEEE members who are involved in these remarkable efforts and interested organizations, foundations and the public. To learn more, visit [www.ieeehtn.org](http://www.ieeehtn.org).

# myIEEE

## Interact with IEEE Membership on Your Terms

Professional growth often means making choices with limited time. **myIEEE**, an interactive Web portal exclusive to IEEE members, allows you to customize your member experience as your needs change.

### The Knowledge Desktop

IEEE research and subscriptions.

### The Community Desktop

Local event information.

### The Profession Desktop

Career and education resources.

### myDesktop

#### Gadgets

Customizable selection of all myIEEE modules and gadgets.

#### RSS Feeds

RSS tools to import feeds from IEEE and other external content sources.

#### Themes

Define your own myIEEE experience with several technology-based themes.

#### Layout

Select 2 or 3 columns and different widths.



### Account Management Tools

Stay on top of important dates, update your profiles, see special announcements about grade elevations, membership renewal or account status.

### IEEE memberNet

IEEE's online membership directory connects members worldwide. Dynamic e-mail messaging facilitates private member-to-member communication.

### IEEE.tv

Watch Internet-based IEEE.tv for current technical programs, innovator profiles, and exclusive members-only programming.

# IEEE Member Benefits & Discounts

## Knowledge:

Expand your expertise and stay current

IEEE.tv

*IEEE Spectrum* magazine

*IEEE Potentials* magazine

IEEE eLearning Library\*

*What's New* for Students

IEEE eBook Classics

IEEE technical papers\*

IEEE *Xplore* Digital Library\*

IEEE Society publications\*

*Proceedings of the IEEE*\*

## Sample Savings for IEEE Members:

TYPICAL IEEE MEMBER PURCHASES	NON-MEMBER RATE	MEMBER RATE
IEEE publication subscription	\$445	\$36
IEEE <i>Xplore</i> article	\$30	\$10
<i>IEEE Spectrum</i> magazine	\$29.95	Included

## Community:

Develop your global and local network

IEEE memberNet

myIEEE

IEEE Sections and Technical Chapters

*The Institute* newsletter

IEEE Societies\*

IEEE conferences\*

TYPICAL IEEE MEMBER PURCHASES	NON-MEMBER RATE	MEMBER RATE
IEEE conference registration	\$1050	\$822
IEEE Transactions on Signal Processing	\$1075	\$85
IEEE Symposium on 3D User Interfaces	\$470	\$375

## Profession:

Empower your career aspirations and skills

IEEE Job Site

IEEE Mentoring Connection

IEEE e-mail alias

Career Alert e-mails

Consultants Database

IEEE continuing education programs\*

University education resources\*

TYPICAL IEEE MEMBER PURCHASES	NON-MEMBER RATE	MEMBER RATE
IEEE eLearning course	not available	\$69.95
IEEE book on career survival	\$19.95	\$4.95
IEEE Biometrics Certification	\$575	\$475

## Other Benefits (vary by region)

*Today's Engineer* e-zine

Home & Office Services\*

Insurance Services\*

Travel Services\*

Technology Services\*

For more information: [www.ieee.org/benefits](http://www.ieee.org/benefits)

\* Requires an additional fee, but IEEE members receive exclusive discounts.

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