IF YOU ARE IN COMPUTING YOU SHOULD BE IN THE IEEE COMPUTER SOCIETY

The professional organization for all computer engineers, scientists, educators, and managers
The IEEE Computer Society, with a current membership of over 70,000, is the largest professional society in the computer field. Established in 1951, the Computer Society serves professionals in all aspects of computing. It promotes technical interactions through a variety of programs and activities — general-interest magazines, scholarly journals, conferences and tutorials, standards, technical committees, and local chapter organizations.

The IEEE Computer Society is part of the IEEE, or Institute of Electrical and Electronics Engineers, Inc. With membership approaching 250,000 in more than 120 countries, the IEEE is the largest professional and technical organization in the world. Formed in 1963 from the union of two older associations — the American Institute of Electrical Engineers and the Institute of Radio Engineers — the IEEE is launching its second century of technical and scientific research, development, and service.

The IEEE is organized geographically into regions and sections, and by technical interest areas into societies. There are, for example, societies for biomedical engineering, control systems, communications, and power engineering — some 30 societies in all, corresponding to essentially every recognized discipline or interest area related to the fields of computer science and electrical and electronics engineering. The largest of these societies is the IEEE Computer Society.

The principal policy-making body of the Computer Society is the Board of Governors. It, as well as the president and first and second vice presidents, is elected by the membership. The current society office-holders and other personnel are listed on the roster page that appears in each issue of the society’s major periodicals.

Enhance your professional development — join us and receive a wide range of member benefits.
Publications


In addition, it publishes a broad range of conference proceedings, tutorial texts, and newsletters. It cooperates with other IEEE societies in the publication of the IEEE Journal of Oceanic Engineering, the IEEE Journal of Solid State Circuits, and the IEEE Journal of Lightwave Technology.

The high quality of the society's publications is achieved through the active participation of computer professionals. We are constantly seeking good, original manuscripts as well as qualified reviewers. The procedures for submitting manuscripts for publication appear regularly in the society's publications, and conference calls for papers are listed in Computer. Members are welcome to contact the appropriate editor-in-chief to discuss article ideas or to volunteer as reviewers.

Computer

Computer Magazine is the principal medium of communication among the society's members. It provides tutorial, survey, and applications-oriented articles on hardware, software, and systems for practicing engineers and scientists. Regular departments include book reviews, new products and applications, and a professional calendar.

As the basic membership magazine of the IEEE Computer Society, Computer is edited to appeal to a broad spectrum of computer professionals. Most issues are organized around a specific theme, such as programming environments, VLSI, knowledge representation, fault-tolerant computing, software/hardware interaction, and array processors. Computer is distributed to all society members free of charge. (monthly)

IEEE Computer Graphics & Applications (CG&A)

IEEE Computer Graphics & Applications is a forum for designers and users in all application areas of computer graphics. CG&A addresses such topics as display technology, computer-aided design, computer-aided manufacturing, business data graphics, human factors in graphics system design, and distributed graphics techniques. (monthly)
IEEE Micro

IEEE Micro is aimed at practicing microcomputer applications engineers. It publishes articles on application software, hardware design, new technical developments, and microcomputer standards. Regular departments include new products, book reviews, and a professional calendar. (bimonthly)

IEEE Software

IEEE Software features tutorials and surveys on current techniques and new products in software design and development. It focuses on such topics as developing software tools, measuring program reliability, designing software tests, using PCs as programming workstations, debugging, and making programs readable. (quarterly)

The Transactions

Available to all members by paid subscription, the Transactions are the primary vehicles for reporting important advances in computer science and engineering knowledge. Many researchers regard publication in these journals as essential to establishing professional credentials in their areas of interest. The Transactions also carry state-of-the-art surveys as well as more detailed reviews of developments in specific areas.
and documentation of software systems. Specific areas of interest include programming methodology, software testing and validation, performance and design evaluation, programming environments, hardware and software monitoring, software project management, and programming tools. (bimonthly)

**IEEE Transactions on Computers**
The oldest, most frequently cited, and perhaps best known scholarly journal in computer engineering is the *IEEE Transactions on Computers*. Published by the society since 1953, *Transactions on Computers* carries fundamental and original research papers on all aspects of the theory, design, and practice relating to computer circuits, systems, and networks. These include methods for designing component parts of computers using VLSI technology, for specifying and measuring computer performance, and for designing reliable and testable digital devices and computer systems; new computer organizations and architectures, parallel and distributed systems, and computer networks; human factors and interactive computer systems; and application of computer technology to the solution of problems from other disciplines. (monthly)

**IEEE Transactions on Pattern Analysis & Machine Intelligence**
*IEEE Transactions on Pattern Analysis & Machine Intelligence* began publication as a quarterly early in 1979. The only professional society publication devoted to this exciting field, it emphasizes the theory and application of computers in pattern analysis, machine intelligence, and robotics. Its scope includes statistical pattern recognition, structural or syntactic pattern recognition, procedures for graph searching and constraint satisfaction, inference systems, knowledge representation, analysis of natural languages, speech and waveform analysis, image processing and analysis, and knowledge systems. Application areas covered include speech recognition systems, character and text recognition, biomedical image analysis, remote sensing, robotics, medical consultation and diagnostic systems, and intelligent database retrieval. (bimonthly)

**IEEE Transactions on Software Engineering**
The *IEEE Transactions on Software Engineering* is one of the society's fastest growing journals and the profession's foremost software engineering journal. Initiated in January 1975 as a quarterly, it is now published bimonthly for over 18,000 subscribers. *IEEE-TSE* carries fundamental and original research papers on all aspects of the specification, design, development, management, testing, maintenance,
Electronic mail service

The Computer Society’s COMPMAIL+ electronic mail service is available to all members of the Computer Society at special low rates, as an optional benefit of membership.

A communications service designed for computer professionals, COMPMAIL+ lets you

- communicate via electronic mail with your colleagues nationally or internationally — one-on-one or in electronic mail conferences
- access Computer Society listings of upcoming conferences and technical activities
- scan a complete, up-to-the-minute list of Computer Society Press publications
- speed up your Computer Society conference registrations and publications orders by making them on-line — conference registrations are processed in 24 hours, and on-line book orders are shipped in 48 hours
- post your own messages to or scan a society-wide electronic bulletin board
- locate your colleagues in the system by accessing a complete on-line directory of all COMPMAIL+ users
- set up your own executive calendar system — schedule meetings, display your own open time slots, and scan colleagues’ schedules for open time slots
- obtain current flight schedules and fares, using the on-line Official Airline Guide
- access state, national, and international newswires to scan the headlines or do keyword inquiries
- receive current quotes on stocks, bonds, and commodities
- use over 200 programs in the system library — from financial and statistical routines to games
- create your own programs and data files, using the compilers and database management system resident on COMPMAIL+

Additional tools and facilities are available through COMPMAIL+, and even more will be available in the future.

Publications of the Computer Society Press

Founded in 1980, the Computer Society Press is a focal point for the substantial publication activities of the Computer Society and its affiliated organizations, publishing over 22,000 pages of technical material annually. Each year it publishes more than 60 titles as well as the newsletters for the society’s technical committees. Located in Silver Spring, Maryland, the Computer Society Press is the world’s leading publisher of computer literature.

The current Computer Society Press publications catalog contains over 500 titles of conference, tutorial, and other publications. Available for purchase normally within a few days of the date of the conference, these publications are a timely means of disseminating recent research results. Their number and variety indicate the society’s range of interests.

In addition to conference digests and proceedings, the Computer Society Press publishes a wide variety of tutorial texts — collections of reprints organized around specific topics, such as software testing, structured programming, computer networks, and computer graphics.

Publications for IEEE members

Other periodicals available to Computer Society members (if they are also IEEE members) are IEEE Spectrum and Proceedings of the IEEE. The basic membership publication of the IEEE, IEEE Spectrum is a general-interest electrical and electronics engineering magazine. Proceedings of the IEEE carries papers of broad significance in all areas of electrical science and technology.
Technical activities

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Technical committees (TCs)

Addressing the specific needs and interests of its members, the Computer Society has 31 technical committees. The TCs are actively involved in organizing symposia, workshops, and sessions at major society conferences. In addition, they directly influence other important aspects of the society, including standards, chapters, and education. Membership in the TCs is available to all interested individuals. To receive information on joining technical committees, return the card found in this brochure.

The TCs are briefly described on the next few pages.
Technical committees

The Computational Medicine TC is dedicated to advancing research in modern computer science and engineering applied to medicine and health services, and to heightening awareness of the past accomplishments and the future potential of this field. The TC encourages innovation and emphasizes developments on the frontiers of computers in medicine. It organizes and sponsors conferences, workshops, tutorials, scientific/technical publications, and a quarterly newsletter; conducts education, standard development, liaison, information distribution, and student activities; and organizes special-interest groups.

The Computer Architecture TC is involved with research and development in the integrated hardware and software design of general-purpose and special-purpose digital computers. The TC annually sponsors (with ACM SIGARCH) the International Symposium on Computer Architecture. Workshops in relevant areas (such as computer arithmetic and interconnection networks) are sponsored from time to time. The TC helps organize special issues of computer publications and publishes a newsletter containing calls for papers, news announcements, and meeting reports. With SIGARCH, the TC administers the Eckert-Mauchly Award for contributions to computer architecture.

The Computer Communications TC promotes activities, disseminates information, and furthers the growth of those systems that integrate computing functions and telecommunications facilities. It sponsors three major conferences each year: the Conference on Local Computer Networks, the Computer Networking Symposium, and Infocom, a joint conference with the Communications Society. In addition, it is a sponsor of the biennial Data Communications Symposium. The TC usually meets three times a year, at Comicon Spring in San Francisco, at Comicon Fall in Washington, DC, and at the Computer Networking Symposium. A quarterly newsletter, Computer Communications, carries meeting minutes and notices, calls for papers, news announcements, and bibliographies.

The Computer Elements TC addresses the characteristics, technologies, and interrelationships of circuits and processes (such as signaling and transmission), devices, and systems considered as elements. It sponsors the annual Computer Elements Workshop.

The Computer Graphics TC promotes research in computer graphics and the application of graphics within electrical and computer engineering. Research interests include topics in hardware, software, algorithms, and systems as well as related areas such as education and standards. The TC cosponsors conferences, sponsors appropriate workshops, prepares sessions for IEEE conferences, and participates in publishing material through a newsletter and other IEEE publications.

The Computer Languages TC extends its interest beyond conventional high-level programming languages to include other areas such as specification, design, test, and query languages. The TC sponsors workshops on language-related issues and plans for an international conference on computer languages. Through committees within the TC, individual languages and special topics receive detailed coverage. A quarterly newsletter reports current items of professional interest.

The Computer Packaging TC deals with the physical design problems of building computers and similar large-circuit assemblies. The TC runs eight one-day technical meetings a year. In addition, it sponsors a three-day packaging workshop each year. These meetings present technical talks on such topics as chip packages, ceramic or reinforced plastic circuit boards and connectors, interconnection, cabling and related cabinet power supply, and heat removal hardware.

The Computers in Education TC considers the technical aspects of evaluating, specifying, designing, and implementing hardware and software forming educational computing systems. The TC examines and analyzes the use of computers in preschool through post-college education. Specific topics include hardware/software standards; design and implementation of authoring languages; specification and design of educational computer systems; analysis, specification, design, and implementation of peripheral equipment; and design and implementation of effective hardware learning systems for microcomputer laboratories at preschool, elementary, secondary, college, and adult-retraining levels. The committee sponsors workshops, tutorials, and conferences; publishes a newsletter; and acts as a resource to the IEEE Computer Society Educational Activities Board for the development of curriculum and other educational policy.
Technical committees

The Computing and the Handicapped TC promotes the use of modern computer technology in the rehabilitation of handicapped persons. The TC encourages interchange between scientists/engineers, clinicians, and the handicapped community. It sponsors workshops, symposia, tutorials, special sessions at conferences, and publishes a newsletter.

The Database Engineering TC deals with key issues related to database engineering, such as access strategies, access control techniques, software design and implementation, database computers, distributed systems, reliability, and applications. The TC publishes a quarterly newsletter, Database Engineering, and cosponsors conferences, symposia, and workshops.

The Design Automation TC is involved with the use of computer-oriented techniques in all aspects of the design process, with particular emphasis on design languages, logic synthesis, verification techniques (including digital simulation), physical design, test-pattern generation, fault simulation, manufacturing interface data, graphics, and database management. The TC publishes the Design Automation TC Newsletter, and cosponsors with ACM SIGDA the annual Design Automation Conference.

The Distributed Processing TC addresses the technical aspects of specifying, designing, implementing, and evaluating distributed computing systems. Specific topics of interest include executive and operating systems for decentralized control, logical and physical interconnection and communication, reliability and fault tolerance, systems and hardware architecture, distributed databases, and software specification, verification, applications, and systems. The TC sponsors workshops and conference sessions on these and related topics, and cosponsors the annual International Conference on Distributed Computing Systems. It publishes a bimonthly newsletter, Distributed Processing.

The Fault-Tolerant Computing TC is concerned with the design, analysis, testing, verification, and evaluation of systems that are subject to faults that occur during design or use. Technical activity in these areas ranges from basic research to current fault-tolerant design practice and field experience. The TC organizes and sponsors the annual International Symposium on Fault-Tolerant Computing as well as special conferences and workshops.

The Mass Storage Systems and Technology TC is involved with the organization, storage and retrieval, and hardware requirements of large data collections. Unconventional data collections and processing systems are considered in addition to the conventional types, including laser scanners and special-purpose CPUs, mass storage devices, operating systems, and languages. The TC offers tutorials and workshops each year on these and other current topics.

The Mathematical Foundations of Computing TC is interested in the mathematics underlying the power, complexity, and design of computing devices, algorithms, and programs. It sponsors the annual Symposium on Foundations of Computer Science, which presents papers describing original research on such topics as automata and formal languages, computational complexity, data structures, formal semantics, mathematics of computation, mathematical studies of computer systems, and theory of algorithms.

The Microprocessors and Microcomputers TC is involved with the architecture, design, and application of microprocessors and microcomputers. The TC organizes and sponsors meetings and workshops in its technical area (including the Asilomar Microcomputer Workshop), actively pursues standardization, and publishes a newsletter.

The Microprogramming TC addresses all aspects of microprogramming and its support tools, giving particular attention to microprogramming languages, architectures of microprogramming machines, emulation, simulators, control storage technologies, microprogram design tools, and applications of microprograms. The TC sponsors the annual Microprogramming Workshop, tutorials, IEEE publications, and conferences.
Technical committees

The Multiple-Valued Logic TC promotes research in the theory and application of many-valued systems. Its scope includes devices, VLSI, circuit design techniques, fault tolerance, probabilities/continuous-value systems, and philosophic/algebraic considerations. The TC sponsors a symposium each May. Other activities include organizing sessions at large conferences and planning workshops. It publishes a newsletter three times a year.

The Oceanic Engineering and Technology TC is involved with the application of all aspects of computers and computer technology to ocean-related matters. The TC actively supports the IEEE Oceanic Engineering Council. Through the OEC, the TC supports the Offshore Technical Conference and the IEEE Oceans Conference. Other important interests include microprocessor applications in marine environments. The TC also sponsors various workshops and tutorials.

The Office Automation TC considers all aspects of using computer technologies to support and automate office activities. Specific topics of interest include word processors, electronic mail, electronic calendars, teleconferencing, facsimile, office information processing models, office information requirements, and comparisons of office systems. The TC emphasizes the integration of software and hardware. Social and human engineering issues of office systems are included in the domain of interests. The TC sponsors workshops and conference sessions, and publishes a newsletter, Office Automation.

The Operating Systems TC is involved with theoretical and practical aspects of operating system design, including system organization, resource allocation policies, measurement, performance evaluation, and system reliability.

The Optical Processing TC deals with the application of optics to data storage, processing, and communications. Of particular interest are the uses of coherent and incoherent systems in information processing, optical numerical processing, optical information storage and retrieval, fiber- and integrated-optical communications, and the devices associated with optical processing. This TC sponsors the International Optical Computing Conference and maintains liaisons with OSA and SPIE.

The Pattern Analysis and Machine Intelligence TC addresses the theory, methodology, applications, systems organization, and technology concerned with pattern recognition, artificial intelligence, and computer image processing. It sponsors the annual Conference on Pattern Recognition and Image Processing as well as two or three workshops each year on related specialized topics. A newsletter is published quarterly.

The Personal Computing TC is dedicated to encouraging the development and application of personal computer technology in industry, business, and education. It holds workshops covering new technology and applications in this rapidly developing area, giving special emphasis to personal computer software and courseware. It provides a forum for interaction among educators, industry, and the user community. The TC publishes proceedings of its workshops, encourages article submissions to Computer Magazine and IEEE Micro, and sponsors user tutorials. It also plays an active role in personal computer activities and sessions at the major Computer Society conferences.

The Real-Time Systems TC addresses issues related to the use of computers in real-time data systems, microcomputer implementation, processing of acquired data, process control, data acquisition networks, industrial systems, data communications, and A/D conversion. It organizes and sponsors symposia on distributed data acquisition, computing, and control.

The Robotics TC considers robot control systems, robot programming languages, planning and spatial reasoning, interpretation of sensor signals, application of machine vision to robot control, and the interaction of robotics with CAD/CAM functions. The technical focus is more on the control and machine perception aspects of the field than on manipulator mechanics and detailed applications.

The Security and Privacy TC is involved with data encryption, access control mechanisms, database protection, network security, and other aspects of protection in computer systems. It addresses such issues as privacy protection legislation and its technological impact. Upon request, it provides expertise to governmental agencies considering privacy legislation, and participates in developing standards in data security. The TC publishes a newsletter, Cipher, and sponsors an annual symposium.
Technical committees

The Simulation TC promotes all aspects of research, development, and application of analog and digital computer simulation. The TC organizes technical sessions at Computer Society conferences and cosponsors the annual Simulation Symposium. It publishes a newsletter, * modeling, three times a year.

The Software Engineering TC encourages the application of engineering methods and principles to the development of computer software, and works to increase professional knowledge of techniques, tools, and empirical data to help improve software quality. The TC organizes a major conference, the International Conference on Software Engineering, and several informal workshops every year. A TC subcommittee develops proposals for IEEE software engineering standards. A quarterly newsletter, * Software Engineering, informs all members of current events and technical results.

The Test Technology TC considers aspects of system, unit, board, and device testing as viewed from design, manufacturing, and field considerations. It emphasizes the testing of LSI and VLSI devices, including memory and microprocessors. The TC has activities and programs on analog and digital design for testability, memory test software, and systems board testing.

The VLSI TC addresses the interaction between the semiconductor process and system design in VLSI. Emphasis falls on integrating the design, fabrication, application, and business aspects of VLSI from both hardware and software points of view. The TC cosponsors the International Conference on Circuits and Computers, and sponsors special sessions and workshops for other conferences of the Computer Society.

Standards

Another important service of the society is the development of standards that benefit computer users and industry, a task requiring the design, manufacturing, and applications competence of Computer Society members. A number of society task groups are engaged in developing standards. In addition, the Computer Society cooperates with the IEEE and other technical organizations in joint efforts. Standards documents developed by the Computer Society are available from the Computer Society's West Coast Office.
Conferences and tutorials

The IEEE Computer Society holds three major conferences each year: Compcon Spring in San Francisco, Compcon Fall in Washington, DC, and Compsac in Chicago. The Compcons (Computer Conferences) have traditionally been broad-interest conferences, addressing such general themes as distributed processing, VLSI, or micros. Compsac is likewise a general-interest conference: its name — Compsac (Computer Software and Applications Conference) — describes its principal emphasis.

In addition to these major general-interest conferences, the Computer Society sponsors or cosponsors approximately 80 other conferences, symposia, workshops, and tutorials on more specialized topics. Examples are the Software Engineering Conference, the Fault-Tolerant Computing Symposium, the Computer Architecture Symposium, the Design Automation Conference, and the International Test Conference. The size varies from workshops attended by 30 or 40 persons, drawn from those most active in a particular field, to a conference such as the Software Engineering Conference, which draws close to 1500.

The Computer Society actively supports new as well as on-going conferences by providing seed money, staff assistance, and preferred advertising rates in its magazines. Members interested in organizing or participating in a conference are invited to contact the society's director of conferences and tutorials in the Society Headquarters Office.

Tutorial weeks

Week-long seminars featuring as many as 21 tutorials on a broad range of technical subjects, Tutorial Weeks have been held in various locations in the United States and Europe since 1979. Tutorial Weeks are regularly held in San Francisco and Orlando.
Area and chapter activities

To make its services available at the local level, the society has established a network of local chapters throughout the US and Canada, as well as in Latin America, the Far East, and Europe. Currently numbering more than 100, these chapters are organized and led by local members. The chapters provide evening programs such as industry tours, tutorials on topics of current interest, or, using the society's Distinguished Visitors Program, lectures by noted computer experts. The chapters work in close cooperation with the local IEEE sections and with other IEEE society chapters. Notices of upcoming chapter meetings are carried in the local IEEE section bulletins.

To identify the chapter chairperson in your area, contact a Computer Society office, or return the card in this brochure and request a copy of the Chapter Activities Newsletter, which contains a complete roster.

Nine area chairpersons communicate with and support the activities of local chapters, as well as stimulate the growth of new chapters throughout the United States and the international community. They usually meet during the society's major conferences.

The society officer responsible for overall coordination and support of chapter and area committee activities is the vice-president for area activities.

Chapter tutorials program

The Chapter Tutorials Program provides educational material to local chapters. This program offers one-day tutorials on a variety of introductory and advanced subjects, such as Ada, database management, distributed computer architecture, microcomputers, and Pascal. Professionally prominent individuals design and present the tutorials.

The program is an excellent way for a local chapter to provide a service to members and the local community. In addition, a tutorial can serve as a means of attracting local members. The high demand for the program suggests that chapters should plan approximately three to six months in advance for tutorial programs.

Video tutorials

The Computer Society's Area Activities Board has created a program of video tutorials for members and local chapters. Video courses on the Ada language and on computer networking are presently available.

Besides other courses, video presentations of special one-hour lectures by distinguished visitors on selected topics are in production. To request more information on these video tutorials, including prices and availability, use the card in this brochure.

The distinguished visitors program

The Distinguished Visitors Program enriches the technical programs of local chapter meetings at practically no cost to the chapters. Every year between 30 and 40 prominent scientists and engineers are asked to serve on this program. Subject to the approval of the program chairperson and the consent of the visitor, a chapter may arrange to have a distinguished visitor speak at its local meeting. The distinguished visitor donates his/her service, and the intercity travel expenses are paid by the IEEE Computer Society.
Student activities

Student membership in the Computer Society is open to any undergraduate or graduate student who carries at least 50 percent of a normal full-time academic load in a related field. Through student chapters, the Computer Society better serves its student members in colleges and universities throughout the world. These chapters — usually created with the cooperation of faculty from departments of computer science, electrical or computer engineering, or other computer-related disciplines — function as technical sub-units of IEEE student branches.

Student membership in the Computer Society automatically includes a subscription to Computer, the society's membership magazine; IEEE Potentials, a publication designed for today's electrical engineering and computer science student; The Institute, a monthly newspaper of IEEE activities and information affecting IEEE and its members; and IEEE Spectrum, the IEEE membership publication. Students also receive subscriptions to other society and institute periodicals at reduced rates.

Student chapters and scholarships

Student chapters enjoy benefits similar to those of regular chapters — access to the society's Chapter Tutorials Program, Video Tutorials, and Distinguished Visitors Program, regular communication with fellow students having similar interests, and participation in chapter-sponsored tours, demonstrations, and tutorials. In addition, all student members are eligible to compete for four $3,000 one-year undergraduate and graduate scholarships, can attend society-sponsored conferences and symposia at special student rates, and can receive support for meetings and special projects.

Awards

The Computer Society sponsors an active awards program for recognizing technical achievement and service. In the technical area, awards honor outstanding papers, recent technical achievements, and pioneering contributions. The more prestigious awards are the Eckert-Mauchly Architecture Award (with ACM) and the broad-based McDowell Award. The Computer Society also supports the IEEE Field Awards and Medals, in particular the Piore Award, as well as the AFIPS Harry Goode Award.

The service category includes three broad-service awards — the Certificate of Appreciation, the Meritorious Service Award, and the Distinguished Service Award — and an Outstanding Contribution Award for well-defined and highly valued contributions. The premier award is the Richard E. Merwin Award for Distinguished Service.

Other organizations

The Computer Society cooperates closely with a number of other organizations related to computing. It is a founding member and cooperating partner of the American Federation of Information Processing Societies (AFIPS), the Institute for Certification of Computer Professionals (ICCP), and the International Association for Pattern Recognition (IAPR). It is also a long-standing partner of the Association for Computing Machinery (ACM). In addition, the society frequently interacts with a number of other IEEE organizations. For example, it is a member of the Solid State Circuits Council, which sponsors the annual Solid State Circuits Conference and the IEEE Journal of Solid State Circuits.

Educational activities

The Educational Activities Board of the IEEE Computer Society is interested in such activities as developing computer science and engineering curricula guidelines for colleges and universities, aiding in the professional development of the membership, supplementing university curricula, providing computer science and engineering accreditation, and complementing the education of persons in computer-related or computer-dependent fields. Throughout the year, it organizes and sponsors several workshops as well as a major education conference, Edcompcon.
## Membership Application

### Schedule of Fees (tax deductible)

**IMPORTANT:** Pay the FULL-YEAR rate if your application is postmarked between September 1, 1983 and February 29, 1984. Pay the HALF-YEAR rate if your application is postmarked between March 1, 1984 and August 31, 1984. Membership expires December 31, 1984.

*IEEE members in Regions 7 (Canada) and 8 (Western Europe and the Mid-East) may deduct $6 from full-year rates, $3 from half-year rates. IEEE members in Regions 9 and 10 may deduct $13 from full-year rates, $6.50 from half-year rates. ACM members who join both the IEEE and the Computer Society may deduct $5 from full-year rates, $2.50 from half-year rates.

**Fees**

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**Publication Options**

If, in addition to your automatic subscription to Computer Magazine, you would also like to receive:

- IEEE Computer Graphics & Applications (3061)
- IEEE Micro (3071)
- IEEE Design & Test of Computers (3111)
- IEEE Software (3121)
- Transactions on Computers (1161)
- Transactions on Software Engineering (1171)
- Transactions on Pattern Analysis & Machine Intelligence (1351)
- Journal of Solid State Circuits (4101)
- IEEE Journal of Lightwave Technology (4301)
- Proceedings of the IEEE (5011) (available only to IEEE members)

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Check box for additional information:

- Publications Catalog
- Bulk air option (two-to-six-week delivery of publications) for members in Western Europe, Latin America, and the Far East
- Student Membership Application

Join now and receive a free book. Check one:

- Microprocessors & Microcomputers
- Selected Reprints in Software

I hereby make application for IEEE Computer Society membership and, if elected, will be governed by IEEE's and the Society's Constitutions, Bylaws, and Statements of Policies and Procedures.

**MAILING ADDRESS**

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**EDUCATION**

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<table>
<thead>
<tr>
<th>City</th>
<th>State/Country</th>
<th>Zip</th>
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<th>Affiliate society membership no. (if applicable)</th>
<th>Grade</th>
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**REFERENCE**

(an IEEE member or a managerial person who knows you professionally)

<table>
<thead>
<tr>
<th>Name (print in full)</th>
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**MAIL TO:** IEEE COMPUTER SOCIETY, 10662 LOS VAQUEROS CIRCLE, LOS ALAMITOS, CA 90720.