MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS

Related to Computer Science

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AGENDA

1. **Why Participate?**

2. **Role of Professional Associations**

3. **Saudi Computer Society (SCS)**

4. **Institute of Electrical and Electronics Engineers (IEEE)**

5. **Association of Computing Machinery (ACM)**

Why Participate?

- ☐ **Professional guidance**
- ☐ **Promotion**
- ☐ **Training**
- ☐ **Networking**
- ☐ **Certification**
- ☐ **Specialty programs**
- ☐ **Technology**
- ☐ **Publications**
- ☐ **Services**
- ☐ **Local contacts**

What Associations Needs from you?

- ☐ **Involvement in the profession**
- ☐ **Involvement in the professional association**
- ☐ **Motivating professionals to become members**
- ☐ **Mentoring new members**
- ☐ **Mentoring students**

Role of Professional Associations

- **Conduct research**
- **Publish and disseminate research, information, and opinion**
- **Provide educational training and professional development programs**
- **Advocate on behalf of public policy or broad professional issues affecting members**
- **Assist members with career development issues**
- **Promulgate standards for professional preparation and practice**
- **Create opportunities for professional peers to interact**

Saudi Computer Society

- Society involved in activities and studies concerning about the scientific and cultural advancements in the area of computer sciences and information technology (IT)

- **Membership**
  - **Active Membership (**granted to members who obtained a degree)
  - **Student membership (**granted to students)
  - **Associate Membership (**granted to members who are interested in the field of computer and information technology)

Benefits

- Free email ("Name @ computer.org.sa")
- Discount on training courses
- Opportunity to work in one of the Society
- Access to magazines and periodicals provided to the members for free.
- Get discounts from some companies and institutions.
- Participate in seminars and competitions organized by the Society

http://computer.org.sa/

IEEE (Institute of Electrical and Electronics Engineers)

- **IEEE is the world's largest international, non-profit technical organization**
  - ☐ **Over 365,000 members (68,000 students)**
  - ☐ **Present in 175 countries**

- **Promotes the advancement and study of electrical, electronics, communications and computer engineering**
  - ☐ **Power generation**
  - ☐ **Microelectronics**
  - ☐ **Electromagnetics**
  - ☐ **Biotechnology**
  - ☐ **Aerospace**
  - ☐ **Etc.**

What does the IEEE do?

- **Major publisher of scientific journals**
  - **30% of the world's literature**
- **Develops industrial standards (over 900 active, with 700 in development!)**
- **Helps accredit educational programs**
- **Contains 39 societies, organized around specialized technical fields**
  - **Computer society**
  - **Communications**
  - **Microwave theory**
  - **Nuclear and plasmas sciences**
  - **Aerospace**
  - **Etc...**

Who can be a member?

- **Any person in a field related to one of IEEE's technical areas**
  - ☐ **Basically, all engineers and scientists**
- **Must be a full time student to qualify as a student member**
  - ☐ **Greatly reduced membership cost ($30)**
  - ☐ **Free magazines**
  - ☐ **Online career networking**
  - ☐ **Exclusive scholarships**
  - ☐ **Local events**
  - ☐ **Student paper contests**
  - ☐ **Reduced society membership costs**

What are the benefits?

- **IEEE Spectrum Magazine**
- **The Institute Newsletter**
- **IEEE Potentials Magazine**
- **IEEE Xplore Digital Library**
- **What's New @ IEEE**
- ***Additional Benefits (add-ons)...***
  - **Proceedings of the IEEE**
  - **Conference Attendance at reduced rates**
  - **IEEE Society Membership**

What are the benefits?

- **IEEE e-Mail Alias**
- **IEEE Sections, Student Branches, and Technical Chapters**
- **Online Membership Directory (4Q-2006)**
- **Volunteering**
- **Voting**
- **Membership paying for itself**
  - **- as much as 50% off IEEE products**
  - **- registration discounts on 350+ conferences annually**
- *Additional Benefits (add-ons)… the power of volume purchasing*…*
  - **Financial Services**
  - **Insurance Services**
  - **Home & Office Services**
  - **Travel Services**

IEEE Membership Dues

Residence	Member Full Year	Member Half Year*	Student Full Year	Student Half Year*
United States	$193.00[1]	$96.50[1]	$32.00	$16.00
Canada (incl. GST)	$171.25	$85.63	$33.60	$16.80
Canada (incl. HST for NB, NF and ON)	$182.85	$91.43	$36.16	$18.08
Canada (incl. HST for Nova Scotia)	$185.75	$92.88	$36.80	$18.40
Canada (incl. HST for PEI)	$184.30	$92.15	$36.48	$18.24
Canada (incl. GST and QST Quebec)	$185.71	$92.86	$36.79	$18.40
Africa, Europe, Middle East	$158.00	$79.00	$27.00	$13.50
Developing Nations e-Membership	$88.00	$44.00	n/a	n/a
Latin America	$149.00	$74.50	$27.00	$13.50
Developing Nations e-Membership	$79.00	$39.50	n/a	n/a
Asia, Pacific	$150.00	$75.00	$27.00	$13.50
Developing Nations e-Membership	$80.00	$40.00	n/a	n/a

Society Membership Dies

Society	Member Full Year	Member Half Year*	Student Full Year	Student Half Year*
IEEE Aerospace and Electronic Systems Society	$25.00	$12.50	$13.00	$6.50
IEEE Antennas and Propagation Society	$15.00	$7.50	$8.00	$4.00
IEEE Broadcast Technology Society	$15.00	$7.50	$8.00	$4.00
IEEE Circuits and Systems Society	$19.00	$9.50	$10.00	$5.00
IEEE Communications Society	$30.00	$15.00	$15.00	$7.50
IEEE Components, Packaging, and Manufacturing Technology Society	$15.00	$7.50	$8.00	$4.00
IEEE Computational Intelligence Society	$29.00	$14.50	$15.00	$7.50
IEEE Computer Society	$56.00	$28.00	$13.00	$6.50
IEEE Consumer Electronics Society	$20.00	$10.00	$10.00	$5.00
IEEE Control Systems Society	$25.00	$12.50	$13.00	$6.50
IEEE Dielectrics and Electrical Insulation Society	$26.00	$13.00	$13.00	$6.50

IEEE Education Society	$20.00	$10.00	$10.00	$5.00
IEEE Electromagnetic Compatibility Society	$31.00	$15.50	$16.00	$8.00
IEEE Electron Devices Society	$18.00	$9.00	$9.00	$4.50
IEEE Engineering in Medicine and Biology Society	$40.00	$20.00	$5.00	$2.50
IEEE Geoscience and Remote Sensing Society	$19.00	$9.50	$10.00	$5.00
IEEE Industrial Electronics Society	$15.00	$7.50	$8.00	$4.00
IEEE Industry Applications Society	$20.00	$10.00	$10.00	$5.00
IEEE Information Theory	$30.00	$15.00	$15.00	$7.50
IEEE Instrumentation and Measurement	$29.00	$14.50	$15.00	$7.50

IEEE Oceanic Engineering Society	$19.00	$9.50	$10.00	$5.00
IEEE Photonics Society	$34.00	$17.00	$17.00	$8.50
IEEE Power Electronics Society	$25.00	$12.50	$13.00	$6.50
IEEE Power & Energy Society	$35.00	$17.50	$18.00	$9.00
IEEE Product Safety Engineering Society	$35.00	$17.50	$18.00	$9.00
IEEE Professional Communication Society	$31.00	$15.50	$16.00	$8.00
IEEE Reliability Society	$35.00	$17.50	$18.00	$9.00
IEEE Robotics and Automation Society	$9.00	$4.50	$5.00	$2.50
IEEE Signal Processing Society	$20.00	$10.00	$10.00	$5.00
IEEE Society on Social Implications of Technology Society	$33.00	$16.50	$17.00	$8.50
IEEE Solid-State Circuits Society	$29.00	$14.50	$15.00	$7.50
IEEE Systems, Man, & Cybernetics Society	$12.00	$6.00	$6.00	$3.00
IEEE Technology & Engineering Management	$35.00	$17.50	$18.00	$10.00
IEEE Ultrasonics, Ferroelectrics, and Frequency Control Society	$20.00	$10.00	$10.00	$5.00
IEEE Vehicular Technology Society	$18.00	$9.00	$9.00	$4.50

ACM (Association for Computing Machinery)

- **ACM, the world's largest educational and scientific computing society, delivers resources that advance computing as a science and a profession.**

- **ACM provides the computing field's premier Digital Library and serves its members and the computing profession with leading-edge publications, conferences, and career resources.**

Benefits

- **Communications of the ACM**
- **ACM Digital Library**
- **50+ ACM journals and magazines**
- **TechNews, tri-weekly email digest of the latest IT news**
- **Resources to enhance your career**
- **ACM Tech Packs, annotated reading lists on current topics compiled by experts exclusively for ACM**
- **Learning Center with resources for lifelong learning**
  - **Online courses targeted toward essential IT skills and popular certifications**
  - **Online Books from Safari® Books Online, Books24x7®, Morgan Kaufmann and Syngress**
  - **Learning Paths in Ruby and Python, as well as podcasts of interviews with many of today's innovators**
- **Option to join 37 Special Interest Groups (SIGs) and hundreds of local chapters**
- **ACM Career & Job Center for career-enhancing benefits**

Types

- **Professional Membership (USD 99)**
- **Professional Membership + ACM Digital Library (USD 198)**

Member Grades (By Nomination)

- **Senior Member -** is a member grade that recognizes up to **25% of the top ACM Professional Members** with **at least 10 years of professional experience and 5 years of continuous Professional Membership** who have demonstrated performance that sets them apart from their peers.

- **Distinguished Member -** is a member grade recognizing up to **10% of the top ACM members,** with at least **15 years of professional experience** that had significant accomplishments or impact in the computing field.

- **Fellow -** is ACM's most prestigious member grade recognizing the **top 1% of ACM members** for their **outstanding accomplishments** in computing and information technology and/or outstanding service to ACM and the larger computing community.

http://www.acm.org/membership

THANK YOU!