IEEE Computer Society

Chuck Walrad
Vice-President, IEEE Computer Society
The community for technology leaders
Your trusted source

You and your peers make the IEEE Computer Society the computing professional’s unmatched source for:

- Technology information
- Inspiration
- Collaboration
- Career growth
Truly global, truly connected

- International reach
- 550+ chapters
- 160+ standards
- 43 Sister Societies
- 28 Technical Committees
- 14 Special Technical Communities
How the CS fits in the IEEE

Largest Society
Led by Bd of Govs; ExCom

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Computer Society

- Tech & Conference Activities Bd
  - 28 specialized Tech Cmtes
  - 200+ conferences

- Standards Activities Bd
  - ~160 Technical Standards in over 12 Specialty Areas

- Pubs Bd
  - 34 Computing Journals & Transactions

- Chapters/Membership Bd
  - > 550 Chapters Worldwide (51% U.S., 49% International)
  - 14 on-line Special Tech Communities

- Proff'l & Edu Activities Bd
  - Computing Curricula
  - Univ. Accred
  - Text
  - BoKs
  - Training & Certification
  - Product Evaluation

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IEEE

>400K Members in 160 Countries
30% World's Technical Literature
Chapters and Sister Societies Mean Global Reach:

Australia, Austria, Bangladesh, Brazil, Britain, Canada, Chile, China, Colombia, Germany, Hong Kong, India, Italy, Korea, Japan, Netherlands, Singapore, Switzerland

http://www.computer.org/web/sister-societies
Technical Committees

- Computer Architecture (TCCA)
- Computer Communications (TCCC)
- Computational Life Sciences (TCCLS)
- Data Engineering (TCDE)
- Dependable Computing and Fault Tolerance (TCFT)
- Internet (TCI)
- Intelligent Informatics (TCII)
- Learning Technology (TCLT)
- Multimedia Computing (TCMC)
- Mathematical Foundations of Computing (TCMF)
- Microprocessors and Microcomputers (TCMM)
- Multiple-Valued Logic (TCMVL)
- Pattern Analysis and Machine Intelligence (TCPAMI)
- Parallel Processing (TCPP)
- Real-Time Systems (TCRTS)
- Scalable Computing (TCSC)
- Semantic Computing (TCSEM)
- Simulation (TCSIM)
- Security and Privacy (TCSP)
- Services Computing (TCSVC)
- Microprogramming and Microarchitecture (TCuARCH)
- Visualization and Graphics (VGTC)
- VLSI (TCVLSI)
On-line Technical Communities

- Enterprise Architecture
- Cloud
- Cybersecurity
- Education
- eGov
- Haptics
- Human Communication
- Multicore
- Operating Systems
- Smartgrid
- Social Networking
- Sustainable Computing
- Systems Engineering
- Wearable and Ubiquitous Tech

http://www.computer.org/web/stc
Leading the way in technology

The IEEE Computer Society’s 2022 report examines the future of:

- Quantum computing
- Software-defined networking
- Internet of Things
- Machine learning
- Medical robotics
- And 18 other technologies

Download the report at computer.org/2022
Leading the way in online information

computer.org

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- Insightful opinions by leaders in the computer industry

Computingnow.computer.org
Publications & Digital Library

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- 32 periodicals, with archives
- 5,000+ conference proceedings
- Search data back to 1968
- RSS feeds of new content
- Mobile-ready
- Daily updates
- Clickable math in HTML docs
- Citations in multiple formats
Professional education & training

- Tech Leader Training Partner Program
- Online courses and Certifications
- Training webinars and In-person custom training

- e-Learning Library, with hundreds of online courses
- 600 online books

Working with Industry
Membership focus areas

Software & Systems
Building the community of leading software practitioners
- SWEBOK
- SWECOM
- TCSE
- Training & Certifications

Security & Privacy
Building dependability, reliability, and trust
- Emerging threats
- Tutorials
- Case studies
- Podcasts

Information & Communication Technology
Technology solutions for the enterprise
- Enterprise architecture
- Information systems
- Programming languages

Computer Engineering
The magazine for chip and silicon systems designers
- Processors
- Power consumption
- Semiconductors
Rock Stars events

Focused on senior leaders

- Top executive speakers
- Hot topics
- Actionable insights
## Conferences

### Sponsor
- More than 200 technical conferences per year
- Cutting-edge research topics
- Peer reviewed
- Organized by technical committees

### Publisher
- 300+ conference titles/year
- Print, digital, online media
- Posting to digital libraries
- Commercial indexing
- Peer review
- Now available: Mobile app and ebook options
Get involved, stay involved

- Serve on a governing board or committee
- Be part of a technical committee
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- Participate in local chapters
- Submit or review articles
- Develop industry standards
- Expand your network
- Make lifelong friends
Thank you

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Back-up slides
New for 2015

Mar 17
San Jose, Calif.

Sep 23
Austin, TX
Intel, Plantronics, Qualcomm, Rochester Optical, Misfit Wearables, Chrono Therapeutics.
New for 2015

Oct 27
San Jose, CA
Verizon, BAE, Booz Allen, Time Warner, Hoyos Labs, and Cedars-Sinai Medical Center.

Nov 10
San Francisco
Crowdfunder, RocketHub, DRESR, Intel Capital, HP, DreamItAlive
New mobile-friendly website

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- Responsive design
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