• To play a valuable role in the international software engineering community for academic researchers and industry professionals
• Broker relationships between IEEE Computer Society and our conferences
• Key priorities:
  – Support IEEE Computer Society
  – Support our publications, conferences, and workshops
  – Contribute leadership in software engineering and international outreach
  – Foster good relations with other software engineering societies and regional associations
  – Take an active role in public software engineering policy issues

TOC Topics

• Software engineering research and practice
• Software engineering education, training and standards
• Entire software life cycle
• Software maintenance and software evolution
• Software requirements engineering
• Software testing

TAC Committees

• Reverse Engineering and Reengineering
• Software Reliability Engineering
• Requirements Engineering
• Software Reuse
• Quantitative Methods
• Software Engineering Education
• Professional Practice
• Software & Systems Engineering Standards Committee (S2ESC)
• Manages IEEE software engineering standards
• Working under the IEEE CS Standards Activities Board

G O A L S A N D P R I O R I T I E S

S P O N S O R E D C O N F E R E N C E S

• Sponsored Conferences
  – TCSE board is heavily involved in our conferences
  – Board members serve on conferences steering committees
  – Board members serve as conference organizers

• Publications—Intellectual property
  – Proceedings
  • Conferences
  • Workshops

  – Standards
  • Over 40 software engineering and system engineering standards
  • Just published an essential set for students this year
  – Workshops

H I G H L I G H T S A N D P L A N S

• Highlights
  – Published an essential standard set for students this year
  – MOU for ICSE between IEEE CS, ACM, IEEE TSE, ACM SIGSOFT, and ICSE SC

  – Awards
  • TCSE Education, TCSE Service, Harlan Mills

• 2011 Plans
  – Improve web presence
  – TCSE Town Hall meeting at ICSE 2011
  – TCSE Executive Election 2011
  – Revision of TCSE Charter
  – Reorganization of TCSE portfolios
    • Students and jobs and career resources
    • Web presence, social media and wiki pages
    • Governance, membership and financial support
    • Emerging areas
    • Educators

SERVICES

• Outreach
  • Website
  • http://www.computer.org/tcse/home
  • General Meeting at ICSE
  • Distinguished lectures, lecturers, visitors
  • Workshops
  • TCSE Blog

• Demographics
  • 74 countries
  • 70% academic; 30% industry
  • Over 12,000 members

• Benefits
  • Community: Being part of a software engineering community
  • Conference discounts
  • Access to digital libraries
  • History

MEMBERSHIP & OUTREACH

4,000 ATTENDEES / YEAR

25+ CONF. & WORKSHOPS

March 26-28, 2013
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• TCSE is challenged with membership retention and growth
• The key problem is to provide value beyond conference discounts
• For long-term growth of audience, scope and outreach it is critical to embrace the interdisciplinary nature of software-intensive, socio-technical ecosystems
• Actively engage and support our membership and conferences to address the challenges, opportunities and risks of our smart planet
• Be more proactive in embracing new areas
  – Autonomic, cloud or "green" computing
  – Self-adaptive systems
  – Sustainability
• Broker relationships between IEEE CS and our conferences

Contact
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