About the Systems Council

Formed in 2005

The IEEE Systems Council promotes, encourages, and supports the technical, academic and application aspects of systems engineering and systems thinking through its own activities, and with its Society members through joint activities for the growth of Council Affiliate membership, member Society membership, and for addressing overall global challenges.
About the Systems Council

Field of Interest
The Systems Council integrates IEEE activities regarding aspects of multiple disciplines and specialty areas of systems engineering, and covers, but is not limited to:

- Systems thinking
- Systems-engineering education, standards, processes, methodologies
- Systems modeling, simulation, integration, resilience
- Robust design, safety and human factors, security, usability, environmental aspects
- Product transition: design, production, test, deployment, disposal
- Program and project management
- Quality assurance
- Mission assurance
- Requirements development and management
- Risk management
- Systems architecture
- Systems of systems
Executive Committee

President
Walt Downing
Southwest Research Institute

President-Elect
Andy Chen
Catronic Enterprise

VP Publications
Fabrice Labeau

VP Finances
Shreekanth Mandayam

VP Technical Operations
Andre Oboler

VP Conferences
Paolo Carbone

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Stephanie White

Secretary
Katie Wilson

Treasurer
Bob Rassa
Member Societies

- Aerospace and Electronic Systems
- Circuits and Systems
- Communications
- Computer
- Consumer Technology
- Control Systems
- Electromagnetic Compatibility
- Industry Applications
- Industrial Electronics
- Information Theory
- Instrumentation and Measurement
- Microwave Theory and Techniques
- Power Electronics
- Product Safety Engineering
- Reliability Society
- Robotics and Automation
- Social Implications of Technology
- Systems, Man, and Cybernetics
- Technology and Engineering Management
- Vehicular Technology
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Technical Committees

The Systems Council offers opportunities to participate in technical committees in several technical fields of interest related to Systems Engineering. The technical committees hold meetings around the world, typically in conjunction with relevant conferences. Objectives of technical committees include to create IEEE standards and to support IEEE conferences.
Systems Council Chapters/Joint Chapter Locations

- **28** Section Chapters
- **18** Student Chapters
- **18** Countries
- **7** IEEE Regions

Updated: March 2024
Publications

IEEE Systems Journal
- Established 2007
- Impact factor 4.4
- Median time-to-publication <7 weeks

Co-Sponsored Publications
- Journal on Miniaturization for Air and Space Systems (J-MASS)
- Open Journal of Systems Engineering (OJSE)
- Systems Engineering Body of Knowledge (SEBoK)
- Transactions on Big Data (T-Data)
- Transactions on Cloud Computing (TCC)
- Transactions on Privacy (T-P)

Newsletter
- Publishes quarterly
- Reach of over 22,000 subscribers

Updated: February 2024
Conferences

A full list of events and conferences, call for papers, and registration information can be found on the website.

- The IEEE Systems Council is willing to sponsor, co-sponsor or technically co-sponsor conferences and workshops in its field of interest.
- If you are interested in organizing a conference or workshop with the IEEE Systems Council, please submit a preliminary proposal to the VP Conferences by specifying title, location, dates, topics, general and program chairs, and expected number of attendees.
Distinguished Lecturer Program

Objective
Access experts promoting the field of systems engineering.

Highlights
Over 20 DLs with various backgrounds and geo-locations
Online Biography and Talk Titles

Information
Request a Distinguished Lecturer for your event by visiting the website and filling out the form.
The Council recognizes the contributions and achievements in the systems engineering community by sponsoring numerous awards in the field including the following:

- **Systems Journal Best Paper Award**
  - Given annually to the papers deemed the best among those published in the IEEE Systems Journal during the preceding calendar year.
  - **Prize**: A certificate presented to each author and $500 to be shared among the authors.

- **Outstanding Service Award**
  - To honor long and distinguished service to the IEEE Systems Council at a level of dedication and achievement rarely demonstrated.
  - **Prize**: Plaque and $1,000.

- **Chapter and Student Branch Chapter of the Year**
  - To recognize one Systems Council Chapter/Student Branch Chapter for significant activity and service to its members.
  - **Prize**: $1,000 and a Certificate.

- **Scholarships**
  - **James O. Gray Graduate Scholarship**
    - Recognizes students pursuing graduate studies in process control systems engineering, plant automation, or instrumentation measurement.
    - 1 - $6,000 scholarship available.
  - **IEEE Systems Council Engineering Undergraduate Scholarship**
    - Recognizes students pursuing their first professional degree in any engineering discipline.
    - 2 - $5,000 scholarships available.

All awards, forms, and previous winners are available on the website. https://ieeesystemscouncil.org/awards
What Can the Council Do For You?

As Systems Council is an IEEE Technical Council and unlike Member Societies, individuals cannot be members of a council. However, IEEE Members can register as Systems Council participants, receive newsletters, attend Systems Council sponsored events, and volunteer. Participation in the Council is free.
How to Get Involved

Become a Systems participant
For free on the IEEE website

Conferences and Events
Organize a meeting, workshop or conference
Review for Systems conferences and Journals

Get involved with local chapters and volunteer to organize activities

Distinguished Lecturers Program
Request a DL at your next event
Apply to become a DL

Volunteer to Serve on Systems Committees
Calls are announced on the website and social media

Subscribe to Systems Council Mailing List
Stay up to date on all Systems news and events!

- **Website**
  ieeesystemscouncil.org

- **Facebook**
  facebook.com/IEEESystemsCouncil

- **Twitter**
  @SystemsCouncil

- **LinkedIn**
  linkedin.com/company/ieee-systems-council