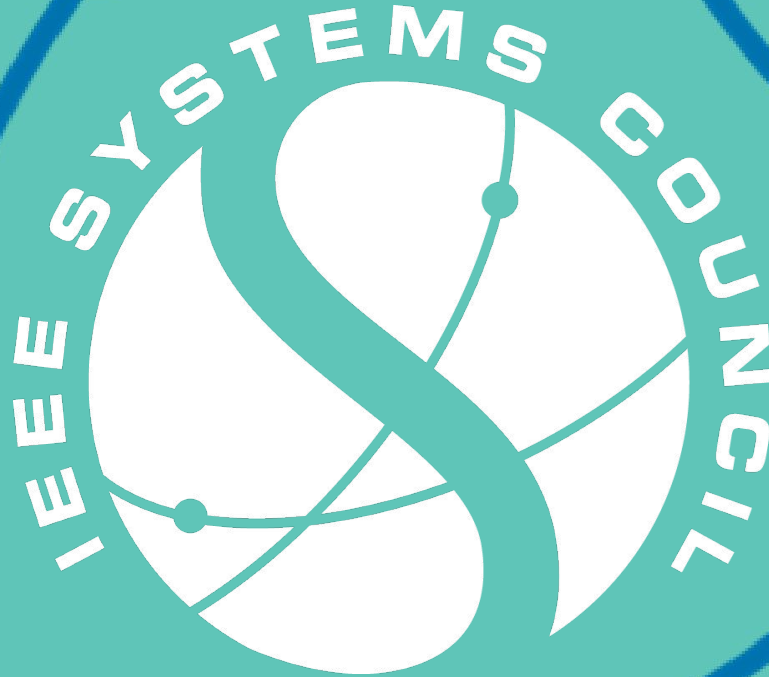


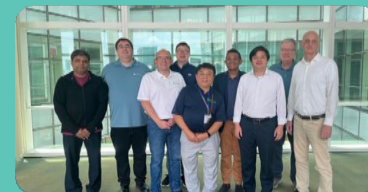


ieeesystemscouncil.org



About the Systems Council

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



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Enterprise



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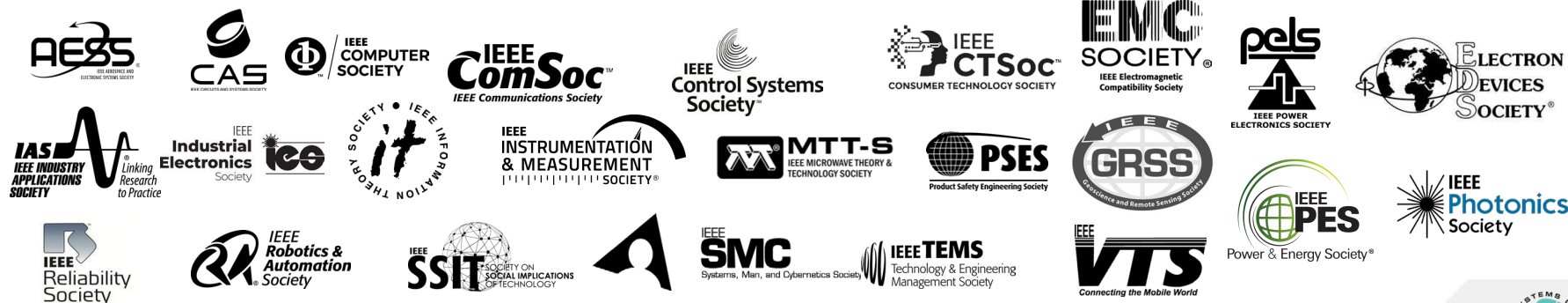
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- ☐ Aerospace and Electronic Systems
- ☐ Circuits and Systems
- ☐ Communications
- ☐ Computer
- ☐ Consumer Technology
- ☐ Control Systems
- ☐ Electromagnetic Compatibility
- ☐ Electron Devices
- ☐ Geoscience and Remote Sensing
- ☐ Industry Applications
- ☐ Industrial Electronics
- ☐ Information Theory
- ☐ Instrumentation and Measurement
- ☐ Microwave Theory and Techniques
- ☐ Photonics
- ☐ Power Electronics
- ☐ Power and Energy
- ☐ Product Safety Engineering
- ☐ Reliability
- ☐ Robotics and Automation
- ☐ Social Implications of Technology
- ☐ Systems, Man, and Cybernetics
- ☐ Technology and Engineering Management
- ☐ Vehicular Technology



Technical Committees

The Systems Council offers opportunities to participate in technical committees in several technical fields of interest related to System Engineering.

The technical committees hold meetings around the world, typically in conjunction with relevant conferences. Objectives of technical committees include creating IEEE standards and supporting IEEE conferences.

Systems Engineering Methods

Systems Engineering and AI

Systems Security

Biomedical Systems

Cyber Physical Systems

Model Based Systems Engineering

Space Systems

Joint INCOSE/IEEE Systems Engineering and Software Interface

Joint IEEE Systems Engineering/TEMS TC on Carbon Neutrality

Systems Council Chapters/Joint Chapter Locations



39

Section Chapters

36

Student Chapters

23

Countries

8

IEEE Regions



IEEE Systems Journal

- Established 2007
- Impact factor 4.9
- 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

- Published quarterly
- Reaches over 26,000 subscribers

Conferences



SYSCON

IEEE International Systems Conference

ISSE

International Symposium on Systems Engineering

RASSE

IEEE International Conference on Recent Advances in Systems Science and Engineering

A full list of events and conferences, calls 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

33 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.

Awards

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 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 and one Student Branch Chapter for significant activity and service to their members.
- Prize:** Certificate and \$1,000



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 Graduate Scholarship

- Recognizes graduate students pursuing higher education in any engineering discipline.
- 2 - \$10,000 scholarships available**

IEEE Systems Council Engineering Undergraduate Scholarship

- Recognizes students pursuing their first professional degree in any engineering discipline.
- 2 - \$5,000 scholarships available**

What Can the Council Do For You?

IEEE Members can register as Systems Council participants, receive newsletters, attend Systems Council-sponsored events, and volunteer for various Council activities. Participation in the Council is free.



Conferences



Awards



Publications



Education



Activities



Networking

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 Council journals and conferences

Get involved with local chapters and volunteer to organize activities

Distinguished Lecturers Program

Request a DL at your next event or Apply to become a DL

Volunteer to Serve on Systems Committees

Calls are announced on the website and social media

Subscribe to the Council mailing list



Stay up to date on all Systems news and events!



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