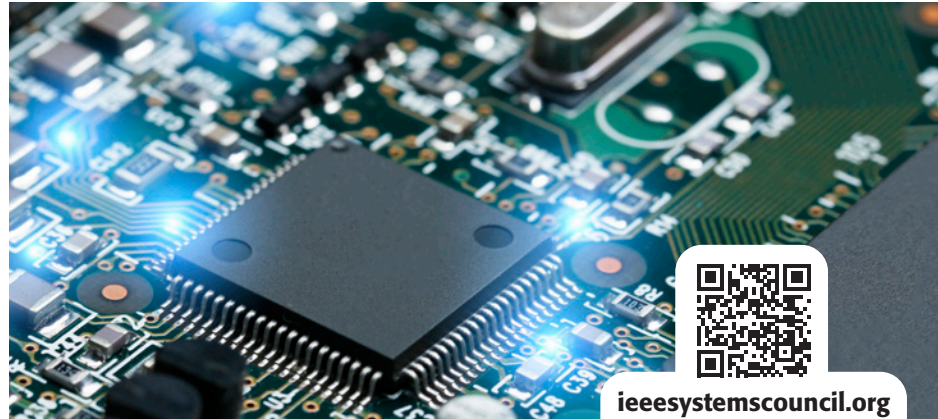




IEEE SYSTEMS COUNCIL ANNOUNCEMENTS

Purpose

The IEEE Systems Council advances systems engineering and systems thinking through its own initiatives and collaborations with member societies. It focuses on addressing global challenges, supporting academic research, and growing its community to tackle complex problems across technical and practical domains.



ieeesystemscouncil.org

IEEE Systems Publications

IEEE Systems Journal

IEEE Systems Journal is the technical journal of the IEEE Systems Council and is published quarterly. This publication provides a systems-level, focused forum for application-oriented manuscripts that address complex systems and system of systems of national and global significance. It intends to encourage and facilitate cooperation and interaction among IEEE Societies with systems-level and systems engineering interest and to attract non-IEEE contributors and readers from around the globe.

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

The SYSC publishes a quarterly newsletter. Visit the website to submit your society or chapter's event or initiative.

IEEE Activities

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

- » Systems engineering, education, standards, processes, and methodologies
- » Modeling, simulation, and integration related to design, testing, production, and support
- » Design aspects for robust design, human factors, safety, security, and usability
- » Risk management
- » Transition of products from design to production, deployment, and use
- » Quality control and system management
- » Program/product/project management interactions
- » Systems architecture

Member Societies

The IEEE Systems Council has 21 Member Societies including:

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

IEEE Systems Council Chapters

Chapters represent and fulfill the needs of SYSC participants in specific geographical areas and allow for networking and engagement through local and regional activities.

Chapters and Joint Chapters are encouraged to apply annually for financial support of up to \$500 (\$250 for Student Branch Chapters) to fund local SYSC chapter activities and small initiatives. For more information on forming a Chapter, please visit <https://ieeesystemscouncil.org/chapters>.

Awards

Outstanding Service

Prize: \$1,000

To honor long and distinguished service to the SYSC at a level of dedication and achievement rarely demonstrated.

James O. Gray Scholarship

Prize \$6,000

1 scholarship available

Recognizes students pursuing graduate studies in process control systems engineering, plant automation, or instrumentation measurement.

IEEE Systems Council Engineering Undergraduate Scholarship

Prize \$5,000

2 scholarships available

Recognizes students pursuing their first professional degree in any engineering discipline.

IEEE Systems Journal Best Paper Award

Prize \$500/author

Given annually to the papers deemed the best among those published in the ISJ during the preceding calendar year.

IEEE Systems Council Chapter of the Year and Student Branch Chapter of the Year

To recognize a Systems Council Chapter and a Student Branch Chapter for significant activity and service to its members.

Prize: \$1,000

In addition, up to \$1,000 to attend the award ceremony at a Systems Council-sponsored conference can be authorized by the Systems Council President.

For more information and to nominate, visit ieeesystemscouncil.org/awards

IEEE Systems Council Technical Committees

IEEE is committed to excellence. The IEEE Systems Council Technical Committees (TC) are designed to respond flexibly to any engineering interests, whether they be long-term or short-term. Current TCs include:

- » Analytics and Risk
- » Cyber Physical Systems
- » Human System Integration
- » Hyper-Intelligence
- » Intelligent Transportation Design
- » Networked Systems
- » Systems Biology and Biomedical Systems
- » Systems Education
- » Systems Engineering Methods
- » Security and Privacy in Complex Information Systems
- » Systems Thesaurus
- » Joint INCOSE/IEEE Systems Engineering and Software Interface
- » Joint IEEE Systems Engineering/TEMS TC on Carbon Neutrality

To learn more or to participate in a Systems Council Technical Committee, visit ieeesystemscouncil.org/technical-operations

Systems Council Conferences

SYSCON
The Annual IEEE International Systems Conference

IEEE ISSE
IEEE International Symposium on Systems Engineering

IEEE RASSE
IEEE International Conference on Recent Advances in Systems Science and Engineering

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.

Full listing of conferences available on ieeesystemscouncil.org/conferences