

IEEE ISIE 2022

Anchorage, Alaska, USA June 1-3, 2022

CALL FOR PAPERS

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The **IEEE ISIE 2022** is the **31st Industrial Symposium on Industrial Electronics (ISIE)**, focusing on frontier technologies for industries, applications of electronics, controls, communications, instrumentation and computational intelligence. The objectives of the conference are to provide high quality research and professional interactions for the advancement of science, technology, and fellowship. Papers on completed work with new results, or work-in-progress in novel research are encouraged for submission.

Topics of interest include, but are not limited to:

- Power Electronics & Energy Conversion
- Renewable Energy & Sustainable Development
- Power Systems & Smart Grid
- Electrical Machines & Industrial Drives
- Mechatronics, Robotics & System Integration
- Motion Control & Haptics
- Control System & Its Applications
- Mobility & Transportation Electrification
- Sensors, Actuators & Micro/Nanotechnology
- Human Machine Interaction
- Electronic System on Chip & Real Time Embedded Control
- Signal and Image Processing
- Medical, Rehabilitation & Assistive Systems
- Industrial Informatics & Its Applications
- Cloud & Networked Systems
- AI/Machine Learning & Its Applications
- Data Science
- Engineering Education

Tutorial Proposals

The ISIE 2022 Organizing Committee solicits tutorial proposals from field experts in all areas of interest for IES. The tutorials could cover research in emerging areas, as well as more established cutting-edge techniques with strong practical and industrial relevance.

Special Session Proposals

Special Session proposals are solicited covering special topics in all emerging research areas of interest for IES, particularly for themes not covered by the regular tracks. We also welcome sessions on special technologies for rural areas, remote sites and extreme weather conditions, in a variety of applications, - from energy, transportation, and manufacturing, to health, food, and education.

Proposals for a Demo Project Competition

The ISIE 2022 Organizing Committee solicits student proposals for a demo project competition (by ~~December 1, 2021~~ January 10, 2022) in technical areas of relevance for the IES. The competition proposals should involve practical implementation demos in current research areas, preferably addressing open challenges.

Regular Paper Submission Deadline:	December 1, 2021	December 22, 2021	Jan 15, 2022
Submission Deadline for Work-in-Progress:		February 15, 2022	Mar 2, 2022
Paper Acceptance Notification:			Feb 15, 2022
Special Session Proposal Deadline:	December 1, 2021		Dec 10, 2021
Special Session Proposal Acceptance Notification:			Dec 13, 2021
Special Session Paper Submission Deadline:			Jan 15, 2022
Special Session Paper Acceptance Notification:			Feb 15, 2022
All Final Paper Submission Deadline:		March 15, 2022	Mar 20, 2022
Tutorial Proposal Deadline:	December 1, 2021		Dec 22, 2021
Tutorial Acceptance Notification:	January 5, 2022		Jan 10, 2022