

IEEE IES ONCON 2024

3rd Annual Online Conference of the IEEE Industrial Electronics Society
December 08-10, 2024, Online

Welcome to IEEE IES ONCON 2024

Building upon the success of the previous successful events, we are thrilled to continue this ONCON series. Online conferences have their unique merits. Authors do not need to look for VISA application/clearances, spend for travel and other expenses, but can save time. While Authors can enjoy the complete experience of a full IEEE event, the registration fee is kept marginal.

ONCON will continue to provide an online forum for academic exchange and idea sharing, offering expert talks from global Leaders, Tutorials, Technical Committee Activities and lots of student activities. Accepted papers will be submitted for inclusion in IEEE Xplore.

CALL FOR PAPERS

IEEE IES ONCON 2024 is the 3rd Annual Online Conference of the IEEE Industrial Electronics Society (IES), focusing on the advanced theory, concepts, and applications of advanced Industrial Electronic Systems. The conference has a wide scope and brings together, scientists, practitioners, industry engineers and inventors that apply electronic concepts within an industrial context. The objectives of the conference are to provide high quality research and professional interactions for the advancement of science, technology, and fellowship. Papers with new research results are encouraged for submission.

The conference accepts both regular papers and extended abstracts. We will recommend a selection of exceptional papers for publication in journals. Welcome to submit your valuable manuscript to us! Special sessions are welcome!

Scope of the conference:

- Power Electronics & Energy Conversion
- Electrical Machines and Drives
- Power Systems and Smart Grid
- Renewable Energy Generation, Storage, and Harvesting
- Electric Transportation
- Sensors, Actuators, Systems Integration and Nano Technologies
- Data-Driven Control and Monitoring
- Prognostics and Health Management
- Control, Robotics, and Mechatronics
- Cloud Computing, Big Data and Software Engineering
- Signal and Image Processing and Computational Intelligence
- Electronic System on Chip and Embedded Control
- Industrial Automation, Communication, Networking, Digital Twin, and Informatics
- Wearable Electronics and Healthcare

Conference website: iesoncon2024.com/

Contact email: oncon2024@outlook.com

Important dates:

- **6-page paper submission:** **October 1, 2024**
 - **2-page extended abstract submission:** **October 1, 2024**
 - **Special session proposal:** **October 1, 2024**
- (other important dates are available at the conference website.)

Honorary Chairs

Mo-Yuen Chow (USA)
Makoto Iwasaki (Japan)
Chandan Chakraborty (India)
Kiyoshi Ohishi (Japan)
Changyun Wen (Singapore)
Dong Yue (China)
Qing-Long Han (Australia)
Yang Shi (Canada)

General Chairs

Dawei Shi (China)
Juan Jose Rodriguez-Andina (Spain)

Technical Program Chairs

Luis Gomes (Portugal)
Huazhen Fang (USA)
Ahmad Al-Dabbagh (Canada)
Ling Shi (China)
Shihua Li (China)

Special Session Chairs

Hadi Kanaan (Lebanon)
Paulo Leitao (Portugal)
Huaicheng Yan (China)
Chao Shen (Canada)
Yuzhe Li (China)

Industry Forum Chairs

Victor Huang (USA)
Jiadong Wang (China)

WIE Chairs

Ya-Jun Pan (Canada)
Chunhui Zhao (China)
Marzia Cescon (USA)
Binyan Xu (Canada)

Publication Chairs

Jinhua She (Japan)
Changxin Liu (Sweden)
Jun Shang (China)

Publicity Chairs

Peter Palensky (The Netherlands)
Dong Zhao (China)
Shilei Li (China)

Panel Chairs

Yusef Ibrahim (Australia)
Shen Yin (Norway)
Giampaolo Buticchi (China)

SPONSORS

