

IEEE Industrial Electronics Society 1st Annual On-Line Conference

ONCON-2022
December 9-11, 2022
<https://ies-oncon.com>

Date of Conference:
December 9-11, 2022
(Online)

**Last Date of Submission
of Full Paper:**
October 30, 2022 (Final)

For more details:
<https://ies-oncon.com>

Conference Timings:
**Three Sessions per day at
three different time zones**

Session-A Japan Standard Time
(JST: GMT+9)
JST 9:00 AM to JST 1:10 PM
For IEEE Region 10

Session-B Central European
Time (CET: GMT+1)
CET 9:00 AM to 1:10 PM
For IEEE Region 8

Session-C New York Time
(EST: GMT-5)
EST 9:00 AM to 1:10 PM
For IEEE Regions 1 to 7 and 9.

Major Conference Activities:

- Regular papers (similar to other conferences like IECON, ISIE etc.)
- Recognition for Outstanding PhD Thesis
- Student's Outstanding Paper Competition
- WIE Activities
- Membership Promotion Activities
- Technical Committee Promotion
- Help Others Program (HOPE) Award

IEEE ONCON 2022 is the 1st 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.

Regular Sessions:

The scope of the conference will cover, but will not be limited to, the following topics:

Power Electronics & Energy Conversion, Electrical Machines and Drives, Power Systems and Smart Grid, Renewable Energy Generation and Harvesting, Electrical Energy Storage Systems, Electric Transportation, Sensors, Actuators, Systems Integration and Nano Technologies, 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, and Informatics

**Submit your research work and be part of
this unique event!**

**Conference manuscript submission
system is available at:**
<https://confcomm.ieee-ies.org/app/general/conferences/ONCON22/initial-submission>

Advisory Board

Dave Irwin, (USA), Chair
Haitham Abu-Rub (Qatar)
Kamal Al-Haddad (Canada)
Bimal Bose (USA)
Giuseppe Buja (Italy)
Carlo Cecati (Italy)
Ambrish Chandra (Canada)
Armando W. Colombo (Germany)
Carlos Couto (Portugal)
Leopoldo G. Franquelo (Spain)
K. Gopakumar (India)
Hiromasa Haneda (USA)
Victor Huang (USA)
Joachim Holtz (Germany)
Yoichi Hori (Japan)
Okyay Kaynak (Turkey)
Ren C. Luo (Taiwan)
Hao Ma (China)
Kim F. Man (China)
Terry Martin (USA)
Thilo Sauter (Austria)
Bhim Singh (India)
Maria Ines Valla (Argentina)
Xinghuo Yu (Australia)

Honorary General Chairs

Mariusz Malinowski (Poland)
Valeriy Vyatkin (Finland)
Roberto Oboe (Italy)
Bijnan Bandyopadhyay (India)
Huijin Gao (China)
Luis Gomes (Portugal)
Yousef Ibrahim (Australia)
Makoto Iwasaki (Japan)
Milos Manic (USA)
Yang Shi (Canada)

General Chairs

Mo-Yuen Chow (USA)
Kiyoshi Ohishi (Japan)
Juan Jose Rodriguez-Andina (Spain)
Akshay K. Rathore (Singapore)
Chandan Chakraborty (India)

Technical Program Chairs

Sheldon Williamson (Canada)
Chengbin Ma (China)
Fei Gao (France)
R. Sudharshan Kaarthik (India)