

The 30th International Symposium on Industrial Electronics
20th (Sun) -23rd (Wed) June, 2021, Miyako Messe, Kyoto, Japan **Full Online Conference**

Sponsored by the IEEE Industrial Electronics Society (IEEE IES)

With the development of COVID-19, the on-site conference was unfortunately cancelled due to the Japanese government declaring a state of emergency for pandemics in the metropolitan area and urban areas including Kyoto. As a result, ISIE2021 moved from hybrid to full online conference.

ISIE 2021 is the 30th Industrial Symposium on Industrial Electronics (ISIE), focusing on industrial and upcoming frontier technologies, 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 with new research results are encouraged for submission.

Technical Tracks

- Power Electronics & Energy Conversion**
Track Chair. Tomoki Yokoyama, Yuki Yokokura, Haitham Abu-Rub, Sertac Bayhan
- Renewable Energy & Sustainable Development**
Track Chair. Noriko Kawakami, Hirohito Funato, Takanori Isobe, Chengbin Ma
- Power Systems & Smart Grid**
Track Chair. Tomonobu Senjyu, Pierluigi Siano, Stanimir Valtchev
- Electrical Machines & Industrial Drives**
Track Chair. Takashi Kosaka, Kan Akatsu, Andrea Cavagnino, Giulio De Donato
- Mechatronics, Robotics & System Integration**
Track Chair. Yasutaka Fujimoto, Masaaki Shibata, Peter Korondi, Sho Sakaino, Marina Indri
- Motion Control & Haptics**
Track Chair. Seiichiro Katsura, Tarik Uzunović, Toshimasa Miyazaki, Asif Sabanovic
- Control System & Its Applications**
Track Chair. Takenori Atsumi, Michael Ruderman, Kenta Seki, Yang Shi, Yuki Nagatsu
- Mobility & Transportation Electrification**
Track Chair. Hiroshi Fujimoto, Keiichiro Kondo, Fei Gao, Dongpu Cao, Wataru Ohnishi
- Sensors, Actuators & Micro/Nanotechnology**
Track Chair. Sehoon Oh, Naoki Oda, Toshiaki Tsuji, Antonio Luque, Stoyan Nihtianov
- Human Machine Interaction**
Track Chair. Emre Sariyildiz, Sousuke Nakamura, Kenji Natori, Peter Xu, Daisuke Chugo, Takahiro Nozaki
- Electronic System on Chip & Real Time Embedded Control**
Track Chair. Hiroaki Nishi, Yutaka Uchimura, Eric Monmasson, Marc Perron
- Signal and Image Processing**
Track Chair. Naoyuki Kubota, Yasuharu Kunii, Milos Manic, Kanghyun Jo
- Medical, Rehabilitation & Assistive Systems**
Track Chair. Satoshi Komada, Shunji Moromugi, Ryogo Kubo, Tomoyuki Shimono, Kasun Prasanga
- Industrial Informatics & Its Applications**
Track Chair. Kenji Terada, Mihoko Niitsuma, Thilo Sauter, Stamatis Karnouskos
- Cloud & Networked Systems**
Track Chair. Tadanao Zanma, Daisuke Yashiro, Valeriy Vyatkin, Gerhard Petrus Hancke
- AI/Machine Learning & Its Applications**
Track Chair. Yasue Mitsukura, Satoshi Suzuki, Jinhua She, Lucia Lo Bello, Markus Bohlin
- Data Science**
Track Chair. Takahiro Yakoh, Joo-Ho Lee
- Engineering Education**
Track Chair. Oscar Lucia, Joao Martins, Andreja Rojko, Takahiro Nozaki

Honorary Chair

Prof. Kouhei Ohnishi
Keio University

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Nagaoka University of Technology

Prof. Hideki Hashimoto
Chuo University

Program Co-Chairs

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Keio University

Prof. John Y. Hung
Auburn University

Prof. Roberto Oboe
University of Padova

Special Session Co-Chairs

Prof. Makoto Iwasaki
Nagoya Institute of Technology

Prof. Yousef Ibrahim
Federation University Australia

Prof. Michael Ruderman
University of Agder

Tutorial Co-Chairs

Prof. Hiroshi Fujimoto
The University of Tokyo

Prof. Chandan Chakraborty
Indian Institute of Technology Kharagpur

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Yokohama National University

Prof. Sehoon Oh
Daegu Gyeongbuk Institute of Science and Technology

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Keio University

Prof. Peter Palensky
Delft University of Technology

Prof. Yutaka Uchimura
Shibaura Institute of Technology

Conference Secretariat

Prof. Yuki Yokokura
Nagaoka University of Technology

Contact

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Important Dates

Deadline for Submission of Special Session Proposal : ~~December 1, 2020~~ → January 6, 2021 (Closed)
Deadline for Submission of Tutorial Proposal : ~~December 1, 2020~~ → January 6, 2021 (Closed)
Deadline for Full Paper Submission : ~~January 15, 2021~~ → ~~February 15, 2021~~ → ~~March 5, 2021~~ → **March 15, 2021**
Notification of Acceptance : ~~March 15, 2021~~ → ~~March 31, 2021~~ → ~~April 5, 2021~~ → **April 15, 2021**
Deadline for Submission of Final Manuscripts : ~~April 20, 2021~~ → ~~April 30, 2021~~ → ~~May 7, 2021~~ → **May 15, 2021**