

Call for Papers

IEEE ICIT 2023 is the 24th Annual International Conference on Industrial Technology. The ICIT conference is one of the flagship conferences of the IEEE Industrial Electronics Society (IES), devoted to the dissemination of new ideas, research and works in progress within the fields of intelligent and computer control systems, robotics, factory communications and automation, flexible manufacturing, data acquisition and signal processing, vision systems, and power electronics.

The objectives of the conference are to provide high quality research and professional interactions for the advancement of science, technology and fellowship. The main features of the conference include Plenary Speeches, Invited Talks, Regular Sessions, Special Sessions, Tutorials, Industry Forum and Women in Engineering, and Student & Young Professionals Activities.

The world's industry, researchers and academia are cordially invited to participate in a wealth of presentations, tutorials, special sessions, and exhibits, and enjoy the city of Orlando, Florida.



Honorary Chairs

Kohei Ohnishi, Japan
David Irwin, USA
Leopoldo Franquelo, Spain

General Chairs

Milos Manic, USA
Kamal Al-Haddad, Canada

Program Chairs

Luis Gomes, Portugal
Yang Shi, Canada
Huijun Gao, China
Sheldon Williamson, Canada
Makoto Iwasaki, Japan
Daswin DeSilva, Australia

SS Chairs:

Hadi Kanan, Canada
Armando Colombo, Germany
Akshay Rathore, Singapore
Kiyoshi Ohnishi, Japan
Thomas Strasser, Austria
Marcian Cirstea, United Kingdom

Tutorial Chairs

Maria Valla, Argentina
Antonio Luque, Spain
Thilo Sauter, Austria

Publication

Giampaolo Buticchi, China

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Aleksander Malinowski, USA

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Marek Jasinski, Poland
Mihoko Niitsuma, Japan

WiE

Lucia Lo Bello, Italy
Maryam Saeedifard, USA

Industry Forum

Stamatis Karnouskos, Germany
Victor Huang, USA
Dietmar Bruckner, Austria

Important Due Dates

Special Session Proposals:	Contributed Papers to Regular Tracks:
January 20, 2023	Jan. 31, 2023
Tutorial Proposals:	Contributed Papers to Special Sessions:
January 20, 2023	Feb. 15, 2023
Notification of Acceptance:	Final Submission and Author Registration
Feb. 28, 2023	Deadline:
Early Registration Open:	Mar. 18, 2023
Feb. 1, 2023	





Regular Sessions

The technical topics for the regular sessions include, but are not limited to the topics under the following tracks:

- Control Systems, Robotics, and Mechatronics
- Electrical Machines, Drives, Sensors and Actuators
- Power Electronics and Renewable Energy
- Power Systems and Smart Grids
- ICT enabled Healthcare
- Cloud Computing, Big Data and Software Engineering
- Electronic Systems on Chip, Embedded Control and Nanotechnology
- Computational Intelligence and Signal and Image Processing
- Industrial Automation, Communication and Networking
- AI and Industrial Informatics
- Industrial Electronics and Education
- Cybersecurity (title) - tentative

Special Sessions

The conference will include Special Sessions on highly specialized topic areas reporting technical trends and breakthroughs within the scope of the conference. Special Sessions are organized at the initiative of one or more individuals, who must adhere to specific procedures published on the conference website.

Workshops & Tutorials

Informative tutorials will be organized by well-known experts to introduce fundamentals and the state of the art in emerging industrial electronics fields.

Industry Forum

The Industry Forum focuses on industry directions and use of industrial electronics technologies in processes and products. It also motivates discussion with applications into emerging areas in select areas. For more information, please visit the conference website.

Student & Young Professionals Activities

The S&YP Activities offers opportunities for engineering students and recent graduates (young professionals) to present their R&D work in Industrial Electronics, and to help them develop networking connections IES S&YP can take a part in a competition for the IES-S&YP Paper Assistance during submission process. For more details, please visit IES electronics channels.

IES Women in Engineering Forum

The Second IES Women in Engineering Forum will host invited speeches, a break to mingle with the attendees and favor networking, and a panel discussion at the end. The aim of the Forum is to foster women's involvement in scientific and technical activities, but it is not intended for women only. Professionals and students, regardless of gender, are welcome to network in a relaxed atmosphere.

Paper Submissions

Prospective authors are invited to electronically submit full papers in English ,6 pages, in pdf format following instructions accessible via <http://icit2023.ieee-ies.org>. Accepted and presented papers will be submitted for inclusion in the IEEE Xplore online digital library and EI Compendex database. In addition, authors of selected papers may be called upon to resubmit extended versions of their papers for consideration of publication in the IEEE Transactions on Industrial Electronics and IEEE Transactions on Industrial Informatics.



For additional information please visit <http://icit2023.ieee-ies.org>