

## 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

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Maryam Saeedifard, USA  
Morgan Kiani, USA

### Industry Forum

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

Special Session Proposals:

Jan. 20, 2023

Tutorial Proposals:

Jan. 31, 2023

Notification of Acceptance:

Feb. 28, 2023

Contributed Papers to Regular Tracks:

Jan. 31, 2023

Contributed Papers to Special Sessions:

Feb. 12, 2023

Final Submission and Author Registration Deadline:

Mar. 18, 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 and Digital Transformation

## 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>