I²MTC 2024
Instrumentation and Measurement for a Sustainable Future
May 20–23, 2024 || Glasgow, Scotland

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IEEE INSTRUMENTATION & MEASUREMENT SOCIETY®

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CALL FOR PAPERS

Organizers

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Important Dates

September 22, 2023
Special Session Proposal Deadline

November 24, 2023
Full Paper Submission

January 24, 2024
1st Review Round Notification
(Accept, Revise, Reject)

February 9, 2024
Submission of Revised Papers

February 24, 2024
2nd Review Round – Final Notification deadline for revised papers (Accept or Reject)

March 1, 2024
Final Manuscript Submission of ALL Papers

The IEEE I2MTC – International Instrumentation and Measurement Technology Conference – is the flagship conference of the IEEE Instrumentation and Measurement Society and is dedicated to advances in measurement methodologies, measurement systems, instrumentation and sensors in all areas of science and technology. These features make I2MTC a unique event and one of the most important international conferences in the field of instrumentation and measurement.

Following the 2021 virtual edition, I2MTC is returning to Glasgow, this time to be held in-person!

Topics for IEEE I²MTC 2024 include

- Instrumentation and Measurement in Medical, Biomedical and Healthcare Systems
- Micro- and Nanotechnology for Instrumentation and Measurement
- Advances in Measurement Theory and Metrology
- Data Acquisition Systems
- Real-time Measurement Systems
- Optical and Fiber Optic Instrumentation and Measurement
- Image Processing and Vision Based Measurement
- Signal Processing for Instrumentation and Measurement
- Machine Learning and Big Data for Instrumentation and Measurement
- Sensors and Transducers
- Instrumentation and Measurement Systems for Robotics
- Instrumentation and Measurement for Industry 4.0
- Instrumentation and Measurement for Advanced Manufacturing
- Instrumentation and Measurement for the Energy and Power Industry
- Instrumentation and Measurement in Environmental Monitoring
- Instrumentation and Measurement in Agriculture, Food Production and Food Safety
- Instrumentation and Measurement for the Automotive and Transportation Industry
- Instrumentation and Measurement in Aerospace and Space Systems
- Circuits and Embedded Systems for Instrumentation and Measurement
- Instrumentation and Measurement for Communications and IoT
- Instrumentation and Measurement for Non-Destructive Testing and Evaluation
- Instrumentation and Measurement for Physical and Electromagnetic Quantities
- Instrumentation and Measurement for Chemical and Biological Quantities
- Instrumentation and Measurement for Renewable Energy Systems
- Instrumentation and Measurement for the Oil and Gas Industry
- Live Demonstration: Instrumentation & Measurement

In addition to regular papers, many activities such as industry sessions, exhibits, tutorials, demos, I&M patents, student contests, TIM journal papers, and others are planned to enhance the conference experience. Delegates will have opportunities to meet with Instrumentation and Measurement professionals from around the world, making I2MTC 2024 a vibrant and exciting event. Papers that are accepted and presented will be submitted for inclusion in the IEEE Xplore digital library.

Visit the conference website as well as Facebook and LinkedIn pages for each specific call and additional news.