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Topics for IEEE I2MTC 2022 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

In addition to regular papers, many initiatives and opportunities such as industry sessions, exhibits, tutorials, demos, I&M patents, student contests, TIM journal papers, and others are planned to enhance your experience with the conference, and will make I2MTC 2022 a vibrant event to meet with people in Instrumentation and Measurement. Papers that are accepted and presented will be submitted for inclusion in the IEEE Xplore digital library.

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