International Conference on Sensing, Measurement & Data Analytics in the era of Artificial Intelligence
Nov. 30 – Dec. 02, 2022 | Harbin, China

Call for Papers

Harbin Institute of Technology is pleased to host the third International Conference on Sensing, Measurement & Data Analytics in the era of Artificial Intelligence (ICSMD 2022). ICSMD 2022 aims at providing a dedicated forum for researchers, scientists, engineers and practitioners throughout the world to present their latest research findings in the area of sensing technology, measurement methodology, and data analytics approaches in the fast changing era of AI. ICSMD 2022 will include keynote speeches by eminent scholars as well as special, regular and poster sessions. Also, there will be a industry-academia symposium (in Chinese) in ICSMD 2022 to further decrease the gap between the research and engineering practice. All papers will be peer reviewed and acceptance will be based on quality, originality and relevance. Topics of interest will include, but are not limited to, the following:

- Signal Transduction Mechanisms
- Novel Sensing Principles and Multi-modal Sensing
- Sensor Modelling
- Sensors and Actuators
- Sensors Characterization
- MEMS and Nano Sensors
- Wireless Sensors
- Smart Sensors and Sensor Fusion
- Wireless Sensor Networks
- Body Sensor Networks
- Internet of Things
- Measurement Theory and Methodology
- Measurement Systems Design, Characterization, and Evaluation
- Real Time Measurements

- Biomedical Measurements
- Wearable medical device
- Measurements in Robotics
- Non-destructive Testing and Evaluation
- Data Acquisition Systems
- Management of Data Uncertainty
- Data Processing Techniques
- Big Data Analysis
- Compressive Sensing & Sparse Decomposition
- Time Frequency Analysis
- AI in Measurement
- AI Applications in Engineering
- Standards in Measurement
- Education in Sensing, Measurement & Data Analytics

Important Dates:

15th August 2022 - Manuscript Submission
15th September 2022 - Acceptance Notification
30th September 2022 - Camera Ready Submission
20th October 2022 – Early Bird Registration

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Authors are invited to submit full manuscript(s) (5 to 6 pages) for oral or poster presentation. Template in MS Word and pdf will be available at the conference website. Final manuscripts are limited to six A4 size pages.

When submitting a paper, the author(s) agree that, upon acceptance, they will prepare the final manuscript in time for inclusion in the conference proceedings and present the paper at the conference. The final manuscript will not be published without presentation and full author registration. Accepted papers will be submitted for inclusion into IEEE Xplore. Authors of high quality papers will be invited to submit an extended version to special issues of SCI-indexed Journals.

Website: https://icsmd2022.aconf.org/

Secretary: icsmd2022@163.com

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