



# International Conference on Sensing, Measurement & Data Analytics in the era of Artificial Intelligence

November 2-4, 2023 | Xi'an, China

Xidian University is pleased to host the fourth International Conference on Sensing, Measurement & Data Analytics in the era of Artificial Intelligence (ICSMD2023). ICSMD2023 aims at providing a dedicated forum for researchers, scientists, engineers and practitioners throughout the world to present their latest research findings, ideas, developments and applications in the area of sensing technology, measurement methodology, and data analytics approaches in the fast changing era of artificial intelligence. ICSMD2023 will include keynote speeches by eminent scholars as well as special, regular and poster sessions. All papers will be peer reviewed on the basis of a full length manuscript 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
- 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
- Machine Learning
- AI in Measurement
- AI Applications in Engineering
- Standards in Measurement
- Education in Sensing, Measurement & Data Analytics

## ORGANIZING COMMITTEE

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## IMPORTANT DATES

30th August 2023 - Manuscript Submission

25th September 2023 - Acceptance Notification

10th October 2023 - Camera Ready Submission

10th October 2023 - Early Bird Registration

