InCM 2021   May 12 - 14, 2021, Ryerson University, Toronto, Canada

"The 3rd International Workshop on Intelligent Computing and Measurements"

The 3rd International Workshop on Intelligent Computing and Measurements, co-located with AINA-2021 aims to bring together the Intelligent Computing (IC) and Measurements community to present the latest achievements and innovations in the multiple areas of IC and Measurements. The scope of the workshop covers both theoretical and experimental research on IC, Measurements and related issues such as computational intelligence paradigms, non-invasive measurement techniques, real-time measurement, signal processing, among others. In addition, application areas include, but not limited to: biomedical devices, robotics, manufacturing systems, and transportation systems. The workshop will bring the opportunity to investigate the possibilities of development and application of Intelligent Computing in measurement systems ranging from the development of simple models to more sophisticated measurement procedures and smart instruments not only be able to perform simple commands but to also perform rather complex tasks. Research on these areas will be focused on methods and algorithms for processing time reduction and the complexity of measurement procedures.

Topics

- Artificial Intelligence
- Knowledge Engineering
- Pattern Recognition
- Image Processing
- Machine Learning
- Biomedical Systems
- Intelligent Optimization

- Intelligent Control Theory
- Non-Invasive Measurement Techniques
- Real-Time Measurement
- Robotics
- Sensors and Sensor Fusion
- Distributed Sensor Networks
- Sensor Interface and Architecture

- Sensor Realiability and Maintenance
- Measurement and Visualization
- Measurement Analysis Techniques
- Modeling of Network Measurement
- Internet-Oriented Wireless and Measurements
- Sensor Development
- Signal Processing

Workshop Chair

Ricardo Rodriguez Jorge, (JEP University, Czech Republic)

Program Committee *(tentative)*

Adriana Mexicano Santoyo, (Technological Institute of Ciudad Victoria, Mexico)
Ales Prochazka, (University of Chemistry and Technology, Czech Republic)
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Pit Pichappan, (Digital Information Research Labs, India & UK)
Salvador Cervantes Alvarez, (University of Guadalajara, Mexico)
Yao-Liang Chung (National Taiwan Ocean University, Taiwan)

IMPORTANT DATES
Paper Submission Due: January 15, 2021
Notification to Authors: February 15, 2021
Camera-Ready Papers Due: March 5, 2021

Please visit: http://sipml.com.mx/InCM/photo_gallery/default.html
or contact ricardo.rodriguezjorge.mx@ieee.org
for Submission information and additional details

Publication and Indexing

All accepted papers will be included in conference proceedings of Lecture Notes series published by Springer. Proceedings will be sent by Springer for indexing in ISI Proceedings, MetaPress and Springer Link. Authors of accepted papers will be given instructions for submission of camera ready and copyright form. Currently, the books of this series are indexed in Web of Science. AINA-2021 is indexed in CORE-rank.

High quality papers accepted and presented at the InCM 2021 workshop will be invited to submit their extended and revised papers for publication in some Special Issues in International Journals.

Submisions

Accepted papers to The 3rd International Workshop on Intelligent Computing and Measurements should be original works that presents achievements related to the merge of Intelligent Computing and Measurements fields. State-of-the-art papers and papers that discuss issues and contribute to the cross-fertilization of such areas are also welcome.

more at: **http://voyager.ce.fit.ac.jp/conf/aina/2021/cfp.php**