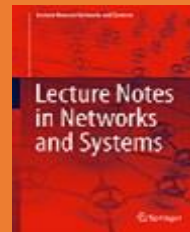# Call for Papers 2023

8th International Conference on Internet of Things and Connected Technologies (ICIoTCT) 2023

29-30 September 2023

NIT Mizoram, CSUSB, USA, IIT Guwahati, University Quebec, Canada &

Sinhgad Institute of Management (SIOM), Pune

Conference Proceedings

ALL ACCEPTED & PRESENTED papers will be published in SCOPUS indexed SPRINGER LNNS.

| NIT Mizoram | CSUSB, USA | IIT Guwahati | University Quebec, Canada | Sinhgad Institute of Management, Pune |

Dr. Chandrani Singh

Conference Session Chairperson: Collaborator SIOM

Co-Chair Persons
- Dr.Milind Godase
- Dr.Sunil Khilari

Technical Advisor
- Dr.Ankush Kudale
- Dr.Bhagwat Kaulwar

Editor/Reviewer
- Dr.Ramesh Jadhav
- Prof. Rupali Taware

About Conference

The proposed 8th International Conference on Internet of Things and Connected Technologies (ICIoTCT) 2023 presents key ingredients for the 5th Generation Revolution. The ICIoTCT 2023 conference is a platform to discuss advances in Internet of Things (IoT) and connected technologies (various protocol, standards etc.). The recent adoption of a variety of enabling Wireless communication technologies such as RFID tags, BLE, ZigBee, etc. and embedded sensor and actuator nodes, and various protocols such as CoAP, MQTT, DNS etc. have made IoT to step out of its infancy. Now smart sensors can collaborate directly with machine without human involvement to automate decision making or to control a task.

Smart technologies including green electronics, green radios, fuzzy neural approaches and intelligent signal processing techniques play important roles for the developments of the wearable health care systems. This conference aims at providing a forum to discuss the recent advances on enabling technologies and applications for IoT.

Please consider submitting to this conference. We are interested in the entire range of concepts from theory to practice, including case studies, works-in-progress, and conceptual explorations.

Important Dates / Deadlines

- **Call for Papers**   **March 01, 2023**
- **Submission**   **June 30, 2023**
- **Notification of Acceptance**   **August 05, 2023**
- **Early Bird Registration**   **August 10, 2023**
- **Oral presentation of selected works**   **September 29-30, 2023**
- **Submission of full papers**   **October 31, 2023**
- **Publication (not before)**   **April-May, 2024**

Indexing:

The books of the SPRINGER AISC series are submitted to ISI Proceedings, EI-Compendex, DBLP, Google Scholar and Springer link for possible inclusion:

Conference Tracks

IoT: Applications and Service	IoT: Pattern Analysis	IoT: Data Streaming
- IoT Communication Technologies - IoT Edge and Cloud Architectures - IoT Experimental Results and Deployment Scenarios - IoT enabled Innovation and Entrepreneurship - IoT Applications and Industry 4.0 - Security and Privacy for IoT - IoT malware analysis - IoT firmware analysis - IoT-enabled Innovation and Entrepreneurship - IoT Applications and Services - Electronics and Signal processing for IoT	- Communication Signal processing - Computer Communication and Networks - Computer Vision & VR - Constraint processing - Content-based Image retrieval - Pattern Recognition and Analysis - Pattern Recognition in New Modalities - Corpus Analysis - Image-Based Modelling - Face and Gesture - Face recognition - Face Recognition & Super-resolution imaging - Image coding and compression - Image Processing & Understanding Image	- Speech, Audio and Music Processing - Statistic Learning & Pattern Recognition - Statistical & Optical Signal Processing - Text processing - Time-Frequency Signal Analysis - Time-Frequency/Time-Scale Analysis - Video Analysis and Event Recognition - Video compression & Streaming - Video Signal Processing - Video Surveillance and Monitoring

- NLP techniques for Internet of Things (IoT)
- AI for IoT
- Block chain and IoT
- Electronics and Signal processing for IoT
- Energy Efficiency and Sustainability in IoT
- Human Interaction with IoT
- Interoperability in IoT
- Machine learning and IoT
- Robotic IoT Systems
- Security and Privacy for IoT
- Self-adaptation for IoT Systems
- Software Engineering for IoT
- Web of Things
- IoT Mobility, localization, tracking & security
- Internet of Things Applications and Services

- segmentation
- Internet Signal Processing
- Semantic Web, Open Linked Data, and Ontologies
- Natural Language in Conceptual Modelling
- NLP techniques for ambient intelligence
- Natural language and Ubiquitous Computing
- Big Data & Business Intelligence
- Information Extraction, Retrieval
- Semantic Processing & NLP
- Cryptographic Protocols
- Argumentation Mining and Applications
- Deep Learning, Neural Languages and NLP
- Social Media and Web Analytics
- Experimental Results and Deployment Scenarios

- Visualization
- Watermarking
- Audio/Speech Processing and Coding
- Biomedical Imaging Technologies
- Biometrics and Pattern Recognition
- Cognitive and Biologically-inspired Vision
- Knowledge Representation and High-Level Vision
- Medical Image Analysis
- Multidimensional Signal Processing
- Multiple Filtering and Filter Banks
- Multi-view Geometry
- Neural Networks and Genetic Algorithms
- Nonlinear Signals and Systems
- Object Detection, Recognition and Categorization

Submission Guidelines

Papers reporting original* and unpublished research results pertaining to the related topics are solicited. *(papers with plagiarism more than 30% will be out rightly rejected)

- **Full paper manuscripts must be in English of up to 10 pages as per format.**

For authors convenience, Springer has summarized in the Author Guidelines document how a proceedings paper should be structured, how elements (headings, figures, references) should be formatted using our predefined styles, etc. The PDF of the Authors Guidelines can be downloaded from the given link or as part of the zip files containing the complete sets of instructions and templates for the different text preparation systems.

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Submissions should **NOT** include the author(s), affiliation(s), e-mail address(es), and postal address(es) in the manuscripts. Papers will be selected based on their originality, timeliness, significance, relevance, and clarity of presentation. Paper submission implies the intent of at least one of the authors to register and present the paper, if accepted.

Research paper send on this mail_id: **directormca_siom@sinhgad.edu, milindgodase@sinhgad.edu , sunilkhilari@sinhgad.edu, ankush.kudale@sinhgad.edu, bhagwat.kaulwar@sinhgad.edu**

Presentation through Virtual Platform

Amid prevailing conditions due to COVID19, a virtual meeting platform may be made available for all registered authors who intend to submit their work but are unable to attend the conference. Authors may register and present their paper through the virtual platform.

Authors shall be sent a Certificate of Participation, Conference Proceedings link and relevant literature by mail.

Acceptance & Publication

After a double-blind peer review, qualifying Regular Papers may be accepted as either Full Papers or Short Papers.

- All accepted and presented papers of the conference will be reviewed for possible publication in **SPRINGER LNNS.**
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