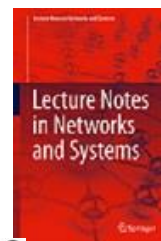


8th International Conference on Internet of Things and Connected Technologies (ICIoTCT) 2023

29-30th September 2023
(Online)



<https://iciotct2023.iaasse.org/index.html>

Conference Proceedings will come on Conference Papers including Indexing
ALL ACCEPTED & PRESENTED papers will be published in SCOPUS indexed Springer PROMS
<https://www.springer.com/series/10533>

👉 Submission: <https://equinocs.springernature.com/service/ICIoTCT2023>



Session - 4

Soft Computing and Pattern Recognition

Chair Members:



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Submission Guidelines

Papers reporting original* and unpublished research results pertaining to the related topics are solicited.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

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

For authors convenience, Springer has summarized the 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. Springer has developed LaTeX style files and Word templates to help prepare papers. LaTeX is the preferred format for texts containing several formulae, but Word templates are also available on the following link

<https://www.springer.com/gp/authors-editors/conference-proceedings/conference-proceedings-guidelines>

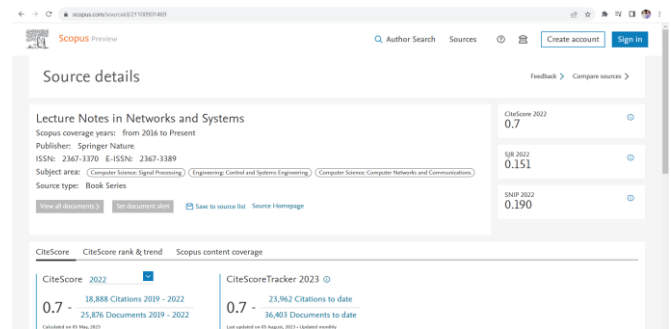


Submissions should **NOT** include the author(s) affiliation(s), e-mail address(es), and postal address(es) in the manuscripts. Papers will be selected based on their originality, timeliness, significance, relevance, and clarity of presentation. Paper submission implies the intent of at least one of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

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.

<https://www.scopus.com/sourceid/21100901469>



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.

<https://iciotct2023.iaasse.org/sessions.html>



Topics of interest include, but are not limited to, the following:

- ? Image Acquisition & Medical Image Processing
- ? Visualization
- ? Image Coding and Compression
- ? Face Recognition & Super-Resolution Imaging
- ? Image Segmentation
- ? Image-based modeling
- ? 3-D and Surface Reconstruction
- ? 3D and Stereo Imaging
- ? Applications (Bioinformatics etc)

- ? Audio/Speech Processing and Coding
- ? Content-Based Image Retrieval
- ? Watermarking
- ? Knowledge Representation and High-Level Vision
- ? Medical Image Analysis
- ? Cognitive and Biologically-Inspired Vision
- ? Motion and Tracking Stereo and Structure from Motion
- ? Multidimensional Signal Processing
- ? Multi-View Geometry



- ? Neural Networks and Genetic Algorithms
- ? Object Detection, Recognition, and Categorization
- ? Pattern Recognition in New Modalities
- ? PDE for Image Processing
- ? Color and Texture
- ? Computer Vision & VR

- ? Pattern Recognition and Analysis
- ? Data mining Techniques
- ? Biometric and Pattern Recognition
- ? Filter Design and Structures
- ? FIR, IIR, and Adaptive Filters
- ? Biomedical Imaging Technologice

👉 **Submission:** <https://equinocs.springernature.com/service/ ICIoTCT2023>



*** Important Dates / Deadlines / FEES(\$ USD)***

- Submission of **Paper** : **18 September 2023**
- Notification of **Acceptance** : **20 September 2023**
- Early Bird Registration** : **20 September 2023**
- Oral Presentation** of selected works : **29 – 30th September 2023**
- Submission of **Final paper** : **31 October 2023**
- Online Paper Tentative** : **April 2024**



The ICIOTCT 2023 registration fees are as follows, and must be paid in USD or in local currency as per the current exchange rate.

Important Dates and Registration Fees

Category	Early Bird: on or before Aug. 10, 2023		Regular Registration: Aug. 11, 2023 - Till Aug. 15, 2023		Spot Registration: September 29, 2023	
	IAASSE Members	Non Members	IAASSE Members	Non Members	IAASSE Members	Non Members
Full Time Students	70.00	95.00	95.00	125.00	120.00	150.00
Faculty/ Research Scholars	95.00	120.00	120.00	145.00	140.00	165.00
Industry	110.00	135.00	135.00	160.00	160.00	185.00



**** About Session Chair ****

Dr.D.Jaya Kumari is currently working as Professor & HOD in the Department of Computer Science and Engineering in Sri Vasavi Engineering College(Autonomous), Tadepalligudem. She is having around 19 Years of Teaching Experience. She has done her B.Tech (CSE) from Narasaraopeta Engineering College, Narasaraopeta. M.Tech (CS) from JNTU, Hyderabad and Ph.D from Andhra University, Visakhapatnam. She attended more than 20 workshops and she is a member of different professional bodies like IAENG,CSTA, etc. She Guided 15 PG, 50 UG academic projects academic projects and also guiding 2 Ph. D. scholars. She has more than 18 Journals , 8 International Conferences , 3 Patents and also published 2 Books. Her area of research includes Data Mining, Artificial Intelligence, Machine Learning, Cloud and Security.

Mr. K.Praveen Kumar, working as an Assistant Professor in the department of Computer Science & Engineering at Sri Vasavi Engineering College(A),Pedatadepalli,Tadepalligudem,West Godavari- 534101, Andhra Pradesh, India. He completed his master in Computer Science and Engineering from Chaitanya Engineering College,JNTUK in 2012.He completed his Master of Computer Science from GVP PG College,Rushikonda,Andhra University in 2010.He received Gold Medal from Andhra University for Securing topper in M.Sc(CS). He has more than 8 years of Industry Experience in the field of Computer Science & 3+ years of Teaching experience in the field of Computer Science & Engineering. He published 15+ Research papers in various reputed (UGC approved, Scopus/ SCI / Web of Science) International and National Journals, magazines, and conferences. He attended 10 workshops and he is a member of different professional bodies like IAENG,CSTA, etc. He Guided 5 PG and 10 UG academic projects. She published 1 book chapters and filed 2 Patents and 1 Copyright. His area of research is in Pattern Recognition, Natural Language Processing, Image Processing, Cloud Computing, Data Science, Machine Learning, Soft Computing,etc.

Dr.Sudha Rani Donepudi working as a Professor in the Department of Electrical and Electronics Engineering, Sri Vasavi Engineering College, Tadepalligudem, West Godavari, Andhra Pradesh, India. She received Ph.D. in Electrical Engineering from National Institute of Technology Warangal in 2016 and M.E. from Andhra University in 2008. She has more than 15 years of experience in teaching & research experience in the field of Power Systems. She published 20+ Research papers in various reputed (UGC approved, Scopus/ SCI / Web of Science) International and National Journals, magazines, and

... she Guided 5 PG, 10 UG academic projects and also guided one Ph.D, and guiding four more Ph.D scholars.

Engineering, Electrical Vehicles, Multilevel Inverters.

Mr.M. Chilaka Rao working as an Assistant Professor in the Department of Information Technology, Sagi Rama Krishnam Raju (SRKR) Engineering College Bhimavaram JNTU Kakinada, Andhra Pradesh, India. He is Pursuing Ph.D. in Computer Science & Engineering from VSSUT Burla Odisha State University and M.Tech. in Computer Science and Engineering from SRKR Engineering College Bhimavaram Andhra University. He has 11 years of experience in teaching in the field of Computer Science & Engineering. He published 11+ Research papers in various reputed (UGC approved, Scopus/ SCI / Web of Science) International and National Journals, Patents, and conferences. He participated in 24 workshops and FDPs. He Guided 05 PG and 22 UG academic projects. His area of research is in Image Processing, Machine Learning, Deep learning, etc.

Mrs.N.Akhila working as an Assistant Professor in the Department of Computer Science at Aditya Engineering College (A),Surampalem,Andhra Pradesh India. She is pursuing Ph.D. in Computer Science Engineering at University of Technology, Jaipur and M.Tech. in Computer Science and Engineering from GIET Rajahmundry in 2012.She has more than 11 years of experience in teaching .She published 3 Research papers in various reputed (UGC approved, Scopus/ SCI / Web of Science) International and National Journals and conferences. She attended 10 workshops .She is a member of different professional bodies like CSI , ISTE , etc. She Guided 33 UG academic projects. She published 1 patent. Her area of research is in Network security, Data Science, Machine Learning, Soft Computing, etc.

Mrs. M. Durgadevi working as an Assistant Professor in the Department of M.Sc Mathematics at Ch.S.D.St.Theresa's Collge for Women (A), Eluru, Andhra Pradesh, India. She received her Master's Degree in mathematics, MCA from Andhra University &M.Tech in Computer Science and Engineering from JNTU(K) and Pursuing Ph.D in Mathematics at Kalinga University, naya Raipur, Chhattisgarh. She has more than 15 years of experience in teaching & 3 years of research experience in the field of mathematics. She published 25+ Research papers in various reputed (UGC approved, Scopus/ SCI / Web of Science) International and National Journals, magazines, and conferences. She attended 20 workshops 10 International & National Conferences. She is a member of professional body and Reviewer in InSc (Institute of Scholars), etc. She Guided 35 PG academic projects. She published one book chapter, filed one patent& two copyrights. Her area of research is in Operations research and Graph theory. She Received Young Researcher award from InSc, Bangalore in 2020, and National Women Excellence award from Navbharat Rashtriya Gyanpeeth in 2022.

If you have any queries.



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