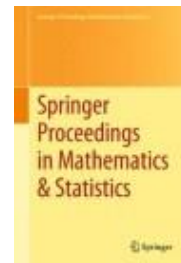# 1ˢᵗ International Conference on
Computing for Science, Engineering & Artificial Intelligence
CSEAi 2023
17-18ᵗʰ November 2023
(Hybrid mode)

Session - 3
Image Processing and Pattern Recognition

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CSEAi 2023 aims to provide a forum for researchers from both academia and industry to share their latest research contributions, future vision in the field and potential impact across industries of Computer Science and artificial Intelligence. CSEAI 2023 conference focusses on computing concepts and mathematical techniques in Science, Engineering and AI. This conference embarks on a journey through the essential mathematical landscapes: Linear Algebra' transformative equations, Calculus' optimization symposiums, Probability's uncertain terrain, and more. It brings togethe the tapestry of computing methods and mathematical equations that define the very essence of Artificial Intelligence illuminating the path to mastery in this dynamic realm. Join us, 24-25 April 2023, to explore discovery, progress, and achievements related to various Data Science and Artificial Intelligence. The ICDSAI 2023 will provide its attendees with an uncommon opportunity to expand their network beyond their immediate professional environment. It is a unique chance to work with other accomplished individuals from diverse areas toward the common goal of shaping the future of communication, computing, and society.

https://cseai2023.iaasse.org/sessions.html

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

Image Processing & Pattern Recognition

- 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 Technologies

☞ Submission : https://equinocs.springernature.com/service/CSEAI2023

⏰ * Important Dates / Deadlines / FEES *

Submission of **Paper**	**: 25 October 2023**
Notification of **Acceptance**	**: 01 November 2023**
Early Bird Registration	**: 02 November 2023**
Oral Presentation of selected works	**: 17-18 November 2023**
Submission of **Final paper**	**: December 31, 2023**
Online Paper Tentative	**: June 30, 2024**

Important Dates and Registration Fees

Category	Early Bird: on or before October 31, 2023		Regular Registration: November 01, 2023 - Till November 05, 2023		Spot Registration: November 19, 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	145.00	165.00
Industry	110.00	135.00	135.00	160.00	160.00	180.00

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 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 paper. LaTeX is the preferred format for texts containing several formulae, but Word templates are also available on the following link

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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.

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.

** About Session Chair **

Dr.A.Rama Rao is working as Professor & HOD in the Department of Computer Science & Engineering at LENDI Institute of Engineering & Technology(Autonomous), JNTUK, in Vizianagaram, Andhra Pradesh, India. He received Ph.D. in the Department of Computer Science and Engineering from Andhra University, Visakhapatnam. He published 20+ research papers in various International and National Journals and Conferences (UGC approved/SCI/Scopus/web of science). He participated in 12 International Conferences and 24 International and National workshops, and 44 FDPs. He has published several research papers in National and International journals & conferences of repute. He is a member of different professional bodies like IEEE, CSI, IEI, and ISTE.

Dr. K.V. Kadambari is working as an Associate Professor in the department of Computer Science & Engineering at National Institute of Technology, Warangal - 506004, Telangana, INDIA Dr. Kadambari has done her PhD from School of Computer and Systems Sciences, JNU, New Delhi in 2011.. Earlier to that, she completed her M.Tech (Computer Science & Technology) from Andhra University, Vishakhapatnam in the year 2004, and B.Tech (Computer Science & Technology) from PVP Siddhartha Institute of Technology, Vijayawada. Dr. K.V. Kadambari has more than 15+ years of teaching experience in the field of Computer Science & Engineering. She published 10+ Research papers in various reputed (UGC approved, Scopus/ SCI / Web of Science) International and National Journals, magazines, and conferences. She worked as coordinator for various national/international workshops and conferences. She secured an Australian grant in 2021. She is a member of different professional bodies like IEEE, IE, etc. She guided 3 Ph.D research scholars and among one scholar has been awarded. Her current area of research include computational neuroscience, neuroinformatic, neuroimaging, machine learning and computer vision.

Dr. P. Aruna Kumari is working as an Assistant Professor in the Department of Computer Science at the University College of Engineering JNTU-GV Vizianagaram, Andhra Pradesh India. She received Ph.D. in Computer Science Engineering from JNTUK Kakinada and M.Tech**.** in Computer Science and Engineering from Acharya Nagarjuna University in 2009. She has more than 17 years of experience in teaching & 9 years of research experience in the field of Computer Science & Engineering. She published 15+ Research papers in various reputed (UGC approved, Scopus/ SCI / Web of Science) International and National Journals, magazines, and conferences. She attended 50 workshops and organized 16. She is a member of different professional bodies like IEEE, IE, etc. She Guided 21 PG and 33 UG academic projects. She published 3 book chapters and filed 1 patent. Her area of research is in Pattern Recognition, Biometrics, Data Science, Machine Learning, Soft Computing, etc.

P.J.V.G. Prakasa Rao is currently working as an Assistant in the Department of Computer Science & Engineering at LENDI Institute of Engineering & Technology(A), JNTUK, in Vizianagaram, Andhra Pradesh, India. He completed his master' in Computer Science and Information Technology from Andhra University & Allahabad Agr. Deemed University. He has 12 years of teaching experience, and his areas of interest include Hadoop & Big Data Analytics, Artificial Intelligence, Machine Learning, Image processing & Pattern Recognition. He is honored with the " Yuva Acharya " award by Bharath Education Excellence Awards in 2021. He has published several research papers in National and International journals & conferences of repute. He guided 5 PG and 12 UG academic projects. He is a member of different professional bodies like ISTE, IAENG, Live DNA, ORCID, WIC, and NSPE.

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☞ If you have any queries.

📱 Please Contact :

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Thank You