

Second Workshop on Applications of Computational Intelligence and Interactive Systems (WACIIS-2024)

A Pre-Conference Workshop with IHCI-2024

(Technically Co-Sponsored by IHCI Society <https://www.ihcisociety.org/ihci-2024>)

August 30-31, 2024

Organized by
Centre for Artificial Intelligence, Banasthali Vidyapith, India



Call for Papers

General Chairs

Ina Aditya Shastri

Banasthali Vidyapith, India

U. S. Tiwary

IIIT Allahabad, India

General Co-Chairs

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Saint Louis University, USA

Shiho Kim

Yonsei University, South Korea

Advisory Chairs

C. K. Jha

Banasthali Vidyapith, India

David (Bong Jun) Choi

Soongsil University, South Korea

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University of Delhi, India

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Organizing Chairs

Rajiv Singh

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Swati Nigam

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Workshop Coordinators

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Workshop on Applications of Computational Intelligence and Interactive Systems (WACIIS-2024) aims to address the current state of the art for enterprises and organizations in the rapidly evolving artificial intelligence (AI) techniques that aim to automate machines through the application of handcrafted machine learning and deep learning algorithms. The incorporation of computational intelligence and machine learning algorithms into robotics enables them to make more effective decisions without human involvement in real time in relation to their previous outcomes. WACIIS-2024 aims to bring together researchers, engineers, and practitioners interested in the advancement of computational intelligence techniques and interactive systems, with a particular emphasis on robotics and automation, signal, vision, and language processing.

This workshop will be hosted at the Centre for Artificial Intelligence, Banasthali Vidyapith, Rajasthan, India jointly in collaboration with IHCI-2024, to be held at the University of Twente, Netherlands from November 13-16, 2024.

Authors are invited to submit their original work and ideas to WACIIS-2024 as per the submission guidelines. Major topics of interest to workshop includes (not limited to) the following.

Track 1: Computational Intelligence in Signal, Vision, and Language Processing

- Soft Computing
- Artificial Intelligence and Machine Learning
- Computer Vision and Pattern Recognition
- Brain Computer Interface and Cognitive Computing
- Human-to-Machine Interaction
- Speech Recognition and Synthesis
- Information Retrieval and Extraction
- Question Answering
- Context Aware Computing
- Intelligent Video Analytics
- Cyber Security and Forensics
- Intelligent Multimedia Surveillance
- Social Intelligence AI and Social Cognitive Systems
- Augmented and Virtual Reality

Track 2: Interactive Systems using Robotics and Automation

- Smart Embedded Systems and Robotics
- Socio-Technical Systems
- Autonomous Agents
- Internet of Things (IoT)/Internet of Everything (IoE)
- Cognitive Systems and Robotics
- Collective and Social Robots
- Drones and Internet of Things for Surveillance
- Humanoid Robots
- Human-Robots Interfaces
- Industrial Networks and Automation
- Mobile Robots and Intelligent Autonomous Systems
- Robot Design, Development and Control
- Space and Underwater Robots
- Wearable Robotics for Assistance and Rehabilitation

Registration Details

Indian Authors (INR)

Category	Early Bird August 14, 2024		Late Registration August 25, 2024	
	Oral Presentation	Poster Presentation	Oral Presentation	Poster Presentation
Student	5000	2000	6000	2500
Faculty/Research Scholar (PhD)/Researcher	8000	4000	9000	5000
Industry Person	10000	6000	11000	7000
Non-author	2000	1000	3000	1500

Important Dates

Full Paper Due:	June 30, 2024
Notification of Acceptance:	July 15, 2024
Camera Ready Submission:	July 30, 2024
Workshop Dates:	August 30-31, 2024

Contact Us

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Submission Guidelines

The papers may be submitted in the following categories.

Full papers (10 ~ 12 pages) are invited that describe developed work. Authors of papers reporting experimental work are encouraged to make their data and experimental results available online or via data publication.

Poster/ Short papers (4 ~ 6 pages) are invited to share novel ideas that may not have been fully developed but are in progress.

The submitted paper should be in English and PDF format and must strictly meet the **LNCS (Springer) Template** and should be submitted using the **Microsoft CMT portal**. The paper should include title, abstract, keywords and complete academic information of authors. The submitted paper will be checked for plagiarism using **Turnitin**.

Kindly note that if a paper receives a High Similarity Score (>15%), it will be investigated, and if it is found to be plagiarized, it will be rejected/withdrawn without a formal review.

Paper Submission

All papers must be submitted electronically using Microsoft CMT portal, available at following link:

<https://cmt3.research.microsoft.com/WACIIS2024>

The accepted and presented papers will be published in the proceedings of IHCI-2024 and submitted to Lecture Notes in Computer Science (LNCS), Springer, subject to the recommendation of the technical program committee.

