विश्वजीवनामृत ज्ञानम्

Patron
- Prof. SN Singh, Director, ABV-IIITM, India
- Prof. BB Chaudhuri, ISI, Kolkata, India

Gen Chairs
- Prof. KV Arya, ABV-IIITM, India
- Prof. Tomohisa Wada, University of the Ryukyus, Japan

Gen. Co- Chairs
- Prof. Shashikala Tapaswi, ABV-IIITM, India
- Prof. Peter Peer, University of Ljubljana, Slovenia
- Prof. Abdenour Hadid, Sorbonne Center for Artificial Intelligence, Abu Dhabi, UAE

Oversight Committee
- Dr. Vivek Tiwari, IIIT Naya Raipur, India
- Dr. Robin Singh, MIR Lab Gwalior, India

Conference Chairs
- Prof. PK Singh, ABV-IIITM, India
- Prof. KC Santosh, University of South Dakota, USA
- Prof. Vrijendra Singh, IIIT Allahabad, India
- Dr. Satish Kumar Singh, IIIT Allahabad, India

Technical Program Chairs
- Dr. Wilfred Godfrey, ABV-IIITM, India
- Dr. Shiv Ram Dubey, IIIT Allahabad, India
- Dr. Kang Dongshik, University of the Ryukyus, Japan
- Dr. M. Javed, IIIT Allahabad, India
- Dr. Vivek Tiwari, ABV-IIITM, India

Tutorial Chairs
- Dr. Debanjan Sadhya, ABV-IIITM Gwalior, India
- Dr. Anjali Gautam, IIIT Allahabad, India
- Dr. Navjot, IIIT Allahabad, India

Track Chairs
- Dr. Sunil Kumar, ABV-IIITM Gwalior, India
- Dr. Vinal Patel, ABV-IIITM, India
- Dr. Mahendra Kumar Shukla, ABV-IIITM, India
- Dr. Anjali, ABV-IIITM, India

Publication Chairs
- Dr. Debanjan Sadhya, ABV-IIITM, India
- Prof. Aditya Trivedi, ABV-IIITM, India
- Dr. KK Pattanaik, ABV-IIITM, India
- Dr. Matadeen Bansal, IIITDM, India

Finance Chairs
- Dr. Avadh Kishor, ABV-IIITM, India
- Dr. Gaurav Agarwal, ABV-IIITM, India

Web Chairs
- Dr. Narinder Singh Punn, ABV-IIITM, India
- Prof. Mahua Bhattacharya, ABV-IIITM, India
- Dr. Pinku Ranjan, ABV-IIITM, India
- Dr. Nalin Sharma, ABV-IIITM, India

Publicity Chairs
- Dr. Narinder Singh Punn, ABV-IIITM, India
- Dr. Jeevaraj, ABV-IIITM, India
- Dr. Vinal Patel, ABV-IIITM, India
- Dr. Binod Prasad, ABV-IIITM, India
- Dr. Sunil Kumar, ABV-IIITM, India
- Dr. Deepak Dewangan, ABV-IIITM, India

Local Organizing Chairs
- Dr. Amrendra Singh Yadav, ABV-IIITM, India
- Prof. Gyan Prakash, ABV-IIITM, India
- Dr. Somesh Kumar, ABV-IIITM, India
- Prof. Manisha Pattanaik, ABV-IIITM, India
- Prof. Rajendra Sahu, ABV-IIITM, India

Conference Secretary
- Dr. Santosh Singh Rathore, ABV-IIITM, India

Registration Chairs
- Dr. Amrendra Singh Yadav, ABV-IIITM, India
- Dr. Anuraj Singh, ABV-IIITM, India
- Dr. MK Dash, ABV-IIITM, India

Special Session Chairs
- Dr. Santosh Singh Rathore, ABV-IIITM, India
- Dr. Amrendra Singh Yadav, ABV-IIITM, India

Important Dates (All times in IST)
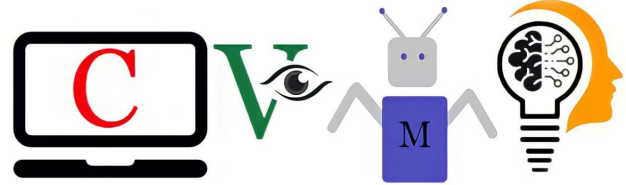Full paper submissions: ~~Jun. 30, 2023,~~ Aug. 15, 2023, 23:59 IST (Extended)
Research paper notifications: September 15, 2023, 23:59 IST
Camera-ready submission: November 20, 2023, 23:59 IST

Contact
For any queries kindly reach general chairs or email at
cvmi2023@iiitm.ac.in

CALL FOR PAPERS

The Second International Conference on Computer Vision and Machine Intelligence CVMI – 2023
10-11 December, 2023
Jointly organized by ABV-IIITM Gwalior, India and University of the Ryukyus, Japan

About
The present world is witnessing rapid advancements in the field of Information Technology, specifically, in the areas of Computer Vision and Machine Intelligence, cherished by the society and industry. The amount of Research and Development activities across the globe has been drastically scaled up from the past few decades in these research areas. Hence, the second international conference on Computer Vision and Machine Intelligence (CVMI) 2023 is organized at Atal Bihari Vajpayee Indian Institute of Information Technology and Management (ABV-IIITM), Gwalior, Madhya Pradesh, India from 10 to 11 December 2023. The first version of the CVMI was organized by IIIT Allahabad in 2022. This conference is meant for researchers from academia, industries and research & development organizations all over the globe interested in the areas of computer vision, artificial intelligence, optimization, machine learning algorithms, and related applications. It will put special emphasis on the participations of PhD students, Postdoctoral fellows and other young researchers from all over the world. It would be beneficial to bring together a group of experts from diverse fields to discuss recent progress and to share ideas on open questions. The conference will feature world-class keynote speakers in the main areas.

Conference Topics:
CVMI-2023 welcomes high-quality, original, and previously unpublished submissions in computer vision and machine intelligence. Topics of interests for the CVMI-2023 conference include, but not limited to, the following:

Track 1: Image and Video Processing

- Image/video processing
- Image/video synthesis
- Image Enhancement/Super Resolution / Restoration
- Image/ Video Retrieval
- Remote sensing, Multispectral/Hyperspectral image Processing
- Segmentation and Shape Representation
- Image/Video Scene Understanding
- Medical Image and Video Analysis
- Stereo Vision
- Document Image Analysis
- Image and Video Matching

Track 2: Biometrics and Security

- Biometrics, Forensics, Content protection
- Face, Iris, Emotion, Sign Language and Gesture Recognition
- Action and Event Detection/Recognition
- Motion and Tracking
- Vision-based Human GAIT Analysis
- Image/Video Security

Track 3: Artificial Intelligence Applications

- Computational Intelligence
- Optimization Techniques
- Explainable AI
- Value AI
- Robotic Intelligence
- Data Intelligence
- Multimedia Intelligent Systems
- Document and Synthetic Visual Processing
- Transfer Learning
- Multi-task Learning
- Evolutionary Algorithms
- Graph Convolutional Networks

Track 4: Autonomous and Intelligent Systems

- Brain-Computer Interaction
- IoT based Intelligence
- Light-weight Intelligent Systems
- Hardware Realization of Intelligent Systems
- Robustness of Intelligent Systems
- Adversarial Intelligent Systems
- Autonomous Learning Paradigm

Submission Guidelines
Prospective authors are invited to submit full-length original research papers. In submitting a manuscript to CVMI-2023, authors acknowledge that no paper substantially similar in content has been or will be submitted to another journal, conference or workshop during the review period. In such a case the paper will be rejected without review. Papers must be electronically submitted before the deadline expires without exception. The paper must not exceed 6 pages in length (including all text, figures, and references). The paper must not exceed 6 pages in length (including all text, figures, and references). However, authors can add up to 2 extra pages with the appropriate fee payment per page. The manuscript must be submitted in pdf format only and the file size of your manuscript should not exceed 10 MB. CVMI-2023 follows single blind review process. Authors must use the manuscript template as follows: *Overleaf, LaTeX or Word*. The manuscript has to be uploaded online at the ICCVMI-2023 Microsoft Research paper submission portal using the following link: *https://cmt3.research.microsoft.com/ICCVMI2023*.

Publication
The proceedings of the conference will be published by IEEE (Scopus indexed). Accepted papers will be submitted for inclusion into IEEE Xplore subject to meeting IEEE Xplore's scope and quality requirements. Any paper selected for presentation but not physically present at the conference will not be published by IEEE.