7th International Conference on Recent Trends in Image Processing and Pattern Recognition

December 19-20, 2024
Indian Institute of Information Technology Bhopal, India
in collaboration with Maulana Azad National Institute of Technology Bhopal, India
and 2AI: Applied Artificial Intelligence Research Lab - University of South Dakota, USA

HYBRID EVENT

Patrons
Prof. Ashutosh Kumar Singh, IIIT Bhopal, India
Prof. Karunesh Kumar Shukla, MANIT Bhopal, India

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Xiaoqing Wen, Kyushu Institute of Technology, Japan
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Stefan Schmid, Technical University of Berlin, Germany
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Program Chairs
Jitendra Kumar, MANIT Bhopal, India
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Satish K Singh, IIIT Allahabad, India
Ravindra S Hegadi, CU Karnataka, India

Workshop Chairs
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Rajiv Kumar Singh, Banasthali Vidyapith, India

Local Organizing Team
Nikhil Kumar Singh, IIIT Bhopal, India
Yatendra Sahu, IIIT Bhopal, India

Publicity Team
Nikhil Raj, LNMIIT Jaipur, India
Sakshi Patni, Gachon University, South Korea
Ishu Gupta, IIIT Bangalore, India

Call for Papers

The 7th International Conference on Recent Trends in Image Processing and Pattern Recognition (RTIP2R 2024) aims to attract current and/or advanced research on image processing, pattern recognition, computer vision, and machine learning. The RTIP2R 2024 will take place at the IIIT Bhopal, India on December 19-20, 2024, in collaboration with MANIT Bhopal, India and 2AI Research Lab, University of South Dakota, USA. The contributions describing original, state-of-the art unpublished research, and not currently under review by another conference or journal and addressing the latest research are invited in RTIP2R 2024. Best student paper awards will be conferred at conference.

Topics of interest for general submission include, but are not limited to:

♦ *Signal, image processing, and machine learning:* Signal processing, image analysis fundamentals, algorithms, clustering and classification, model selection (machine learning), feature engineering, federated learning, and shallow as well as deep learning.

♦ *Computer vision & pattern recognition*: Object detection and/or recognition (shape, color and texture analysis) and pattern recognition (statistical, structural, and syntactic methods).

♦ *Machine learning*: Algorithms, clustering and classification, model selection (machine learning), feature engineering, deep learning, and federated Learning (applications and challenges).

♦ *Data science/analytics*: Data mining tools, high-performance computing in big data.

Important dates

Full paper submission:	**May 31, 2024**
Revision Notification (sent to authors):	June 10, 2024
Acceptance Notification (sent to authors):	July 20, 2024
Registration (early-bird):	August 10, 2024
Camera ready submission:	August 31, 2024

Paper submission

Papers are expected to be within the **4–6 page** range. Authors should clearly identify the problem, their contributions, and justification with respect to the state-of-the-art works. The program committee would like to review papers that develop, argue, and provide results.

The authors are suggested to use the guidelines and templates given below:

Guidelines   **MS-Word Template**   **LaTeX Template**

(Note: We recommend using the LaTeX template.)
SUBMISSION URL: https://cmt3.research.microsoft.com/RTIP2R2024

PhD dissertation award

Submit your nominations to jitendrakumar@ieee.org and rtip2r.2024@gmail.com with subject line *RTIP2R2024: Phd Dissertation Award Application* (**Deadline: July 31, 2024**)

PUBLICATIONS

Conference proceedings will be published in **Procedia Computer Science, Elsevier**
Selected and/or best papers may be extended for journal issues (SCI, Scopus, and DBLP indexed).

Scopus Indexed