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

ST4: CROSS-MODAL INFORMATION RETRIEVAL USING IMAGE AND TEXTUAL CONTENTS

About Special Track:

Cross-Modal Information Retrieval (CMIR) is a multidisciplinary research area focused on retrieving and integrating information across different modalities, such as text, images, audio, and videos. The primary goal of CMIR is to develop techniques and methodologies that enable efficient and meaningful retrieval of information when the query and relevant data reside in different modalities. CMIR extends the traditional information retrieval paradigm to address the challenges posed by the heterogeneous nature of multimedia data. The special session aims to address the unique challenges and opportunities associated with retrieving information across different modalities.

Topics of Interest:

* Deep Learning for CMIR
* Cross-Modal Embeddings
* Cross-Modal Fusion Techniques
* Adversarial Attacks and Robustness
* Cross-Modal Embeddings and Representation Learning
* Multimodal Information Integration

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Main Track (RTIP2R-2024)
ST1: Advancements in AI for Image Processing
ST2: AI in Healthcare
ST3: Emotional well-being Digital Twin
ST4: Cross-Modal Information Retrieval using Image and Textual Contents
ST5: Quantum-Enhanced Imaging and ML for Environmental Analysis
ST6: Cyber-Physical Systems Automation for Industry 4.0
ST7: Advancements in Machine Learning and Pattern Recognition for Electrical & Electronics Engineering
ST8: Machine Learning Techniques for Image, Speech and Natural Language Processing
ST9: Transforming Urban Landscapes: Harnessing the Synergy of IoT and Machine Learning for Smart Cities' Data-Centric Evolution

Paper submission: Papers are expected to be within the 5-8 **page**. The authors are advised to follow **Guidelines** to prepare their manuscript.

Templates: **MS-Word Template** or **LaTeX Template**
Note: We recommend using the **LaTeX** template.

Please select ST4: Cross-Modal Information Retrieval using Image and Textual Contents from tracks before you begin your submission as shown.

SUBMISSION URL: https://cmt3.research.microsoft.com/RTIP2R2024

Deadline: 15/06/2024

TRACK CHAIRS

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PUBLICATIONS

Scopus Indexed

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).