



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

ST3: EMOTIONAL WELL-BEING DIGITAL TWIN

About Special Track:

Digital twins act as dynamic replicas of real-world entities or scenarios, streamlining complex analysis and decision-making processes. Through the replication of physical elements or environments digital twins facilitate examination through images and patterns, thereby enriching comprehension and interpretation in various sectors like health care, smart cities, industry, energy optimization, and many more. Integration of image processing, pattern recognition, and digital twin offers invaluable insights, facilitates transformative predictive abilities. Researchers are invited to submit their original work covering topics mentioned and related to them.

Topics of Interest:

- * Digital Twin in Health Care
- * Virtual IoT environments for Precise Medicine
- * Applications of image processing in health care
- * Ethical landscape in health care system
- * Digital Twin for Smart Processes
- * Smart City management through Digital Twin
- * Application of Digital Twin in Metaverse

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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 4–6 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 **ST3: Emotional Well-Being Digital Twin** from tracks before you begin your submission as shown.

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

TRACK CHAIRS

Deadline: 30/05/2024



Dr. Richa Golash
Bennett Univ. , India



Dr. Akhil Kumar
Bennett Univ. , India



Kushagra Golash
BITS Pilani, Dubai

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

For any query, please contact at richa.golash@bennett.edu.in

<http://www.rtip2r-conference.org/2024/>