5th International Conference on *Recent Trends* in *Image Processing* and *Pattern Recognition* (Hybrid)

November 22 - 23, 2022, Texas A&M University - Kingsville (TAMUK), Texas, USA

... in collaboration with 2AI: Applied Artificial Intelligence Research Lab - University of South Dakota (USA)

http://www.rtip2r-conference.org/

Patron
Heidi Taboada, TAMUK (USA)

Honorary chairs
Scott Smith, TAMUK (USA)
Afzel Noore, TAMUK (USA)
Jean-Marc Ogier, Universite de La-Rochelle (France)

General chairs
KC Santosh, University of South Dakota (USA)
Ayush Goyal, TAMUK (USA)
Djamila Auoada, Univ of Luxembourg (Luxembourg)

Program chairs
Aaisha Makkar, University of Derby (UK)
Yao-yi Chiang, University of Minnesota (USA)
Satish K Singh, IIIT - Allahbad (India)

Local program chairs
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Mehrube Mehrubeoglu, Texas A&M Univ - Corpus Christi (USA)

Special track chairs
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Anuradha Kar, Paris Brain Institute (France)
Ahyoung Lee, Kennesaw State University (USA)
Surya Prakash IIT-Indore (India)
Marzieh Khakifirooz, Tecno de Monterrey (Mexico)

Workshop chairs
Hani Girgis, TAMUK (USA)
Hubert Cecotti, California State University (USA)
Alice Othmani, Universite de Paris-Est (France)
Ravindra Hegadi, Central Univ of Karnataka (India)
Alaa Hameed, Istinye University (Turkey)

Area chairs
F Ortiz-Rodraguez, Univ Auto de Tamaulipas (Mexico)
Sunil Aryal, Deakin University (AUS)
Sema Candemir, Ohio State Medical Center (USA)
Antoine Vacavant, Univ Clermont Auvergne (France)
Hoda Al Khzaimi, New York University (Abu Dhabi)
Kamlesh Tiwari, BITS Pilani (India)
Wathiq Mansoor, University of Dubai (Dubai)
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Call for Papers

The 5th International Conference on Recent Trends in Image Processing and Pattern Recognition (RTIP2R) aims to attract current and/or advanced research on image processing, pattern recognition, computer vision, and machine learning. The RTIP2R will take place at the Texas A&M University - Kingsville, Texas (USA) on November 22 - 23, 2022, in collaboration with 2AI Research Lab - Computer Science, 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The contributions describing original, state-of-the art unpublished research, and not currently under review by another conference or journal and addressing the latest and current research are invited in RTIP2R 2022. Best student paper awards will be conferred at the conference.

Topics of interest include, but are not limited to

- *Signal and image processing*
- *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, and deep learning
- *Data analytics*: Data mining tools, high-performance computing in big data
- *Federated Learning*: Applications and challenges
- Pattern recognition and machine learning for *Internet of Things* (*IoT*)
- Information retrieval: content-based image retrieval and indexing, and text analytics
- Applications (not limited to):
  - Document image analysis and understanding
  - Forensics
  - Biometrics: face matching, iris recognition/verification, foot-print verification
  - Audio/Speech analysis and understanding
  - Healthcare informatics and (bio)medical imaging & engineering
  - Big data (from document understanding, healthcare to risk management)
  - Cryptanalysis (cryptology and cryptography)

Publication

In line with past RTIP2R events, conference proceedings will be published in Communications in Computer and Information Science (CCIS), Springer Nature (Scopus indexed).

Selected and/or best papers will be extended for book series and journal issues (SCI, Scopus, and DBLP indexed plus impact factor).

Paper submission

Papers are expected to be within the 8-15 page range. The review process takes into account both the quality in writing and the scientific impact of the work. Authors should clearly identify the problem, their contribution(s), justification with respect to the state-of-the-art works. The program committee would like to review papers that develop, argue, and provide results. We recommend using the LaTeX template for preparing submissions. Note that it is the authors' responsibility to upload a PDF using the Easychair system.

Submissions should be made through the Easychair paper submission web page: https://easychair.org/conferences/?conf=rtip2r2022

Important dates

Full paper submission:	**Aug 10, 2022**
Notification (sent to authors):	Sept 10, 2022
Registration:	Oct 5, 2022
Camera ready submission:	Oct 5, 2022

Hybrid event

Authors can select an option in presenting their papers and/or attending the conference event on-line (zoom). However, the rtip2r 2022 committee encourages you to attend in-person.

For more information, **Visit** http://www.rtip2r-conference.org/2022/

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