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Call for Papers

The 4th International Conference on Pattern Recognition and Artificial Intelligence (ICPRAI 2024)

July 3 (Wednesday) - 6 (Saturday), 2024, Jeju Island, South Korea

We are pleased to host the 4th International Conference on Pattern Recognition and Artificial Intelligence (ICPRAI2024), taking place in Jeju Island, South Korea from July 3-6, 2024. The conference aims to bring together researchers, students, and practitioners of pattern recognition and artificial intelligence to encourage overview presentations, in-depth talks, and discussions on the latest research and state of the art.

Our main topics of interest include - but are not limited to - the following:

Topic Area 1 Pattern Recognition:

Data Clustering, Domain Adaptation and Generalization, Information Retrieval, Feature Extraction/Selection and Evaluation, Statistical Pattern Recognition, Structural Pattern Recognition, Time Series Processing

Topic Area 2 Computer Vision:

Behavior Recognition, Depth Processing and 3D Data, Face and Facial Expression Recognition, Human Pose Estimation, Image Fusion, Image Processing/Analysis, Multimodal Models (Vision + Language), Object Detection and Recognition, Scene Understanding, Segmentation, Video Analysis

Topic Area 3 Artificial Intelligence:

Causal Inference, Continual Learning, Expert Systems, GANs and Diffusion Models, Generative AI, Graph Neural Networks, Interpretability and Explainable AI, Knowledge Representation and Representation Learning, Machine/Deep Learning, Optimization, Reinforcement Learning, Semantic Analysis, Uncertainty Prediction, Zero- and Few-Shot Learning

Topic Area 4 Applications:

Autonomous Vehicles, Biometrics, Brain-Computer/Machine Interface, Brain-Inspired Computing, Document Analysis and Recognition, Human-Computer Interaction, Medical Data Processing, Natural Language Processing, Neural Information Processing, Odometry, Robotics, Social Computing, Unmanned Systems

Paper Submissions and Guidelines

Regular papers will follow the LNCS Springer template and are restricted to 14 pages. They must present original research and represent a significant contribution to the field. Accepted regular papers will be presented in either oral or poster sessions. All accepted regular papers will be published in the LNCS proceedings by Springer. In addition, selected best papers will be eligible for consideration of several best paper awards.

Work-in-progress papers will use the same LNCS template and are restricted to 8 pages. These papers are meant to showcase new results and current work for discussion at the conference. Accepted work-in-progress papers will be presented as posters in a separate session and will be published in the proceedings by Springer. All papers will be peer-reviewed single-blind.

The submission site opens at <https://cmt3.research.microsoft.com/icprai2024>

Important Dates and Deadlines

Regular Paper Submission: January 20, 2024

Work-in-progress Paper Submission: February 20, 2024

Regular Paper Notification to Authors: April 3, 2024(**postponed**)

Work-in-progress Paper Notification to Authors: April 10, 2024(**postponed**)

All Papers Camera-ready Submission: April 25, 2024

Conference Dates (updated): July 3 - 6, 2024

Website: www.icprai2024.org

Contact: icprai2024@gmail.com