



The 5th Asian Conference on Pattern Recognition (ACPR 2019)

26-29 November 2019, Auckland, New Zealand

Website: <https://www.acpr2019.org>

Contact: acpr2019@aut.ac.nz

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ACPR 2019 solicits high-quality original research for publication in its main conference and co-located workshops. All accepted papers will be published in IEEE Xplore and indexed by EI. Topics of interest include all aspects of pattern recognition including, but not limited to:

Track 1: Computer Vision and Robot Vision

- Biologically motivated vision
- Physics-based vision
- Perceptual organisation
- Computational photography
- Motion analysis and tracking
- Object detection / recognition
- Scene understanding
- Cognitive and embodied vision

Track 3: Signal Processing

- Signal and image processing
- Audio and acoustic processing and analysis
- Spoken language processing
- Texture and colour analysis
- Segmentation and descriptors
- Enhancement and restoration
- Coding, compression, and super-resolution
- Automatic speech and speaker recognition

Track 2: Pattern Recognition and Machine Learning

- Artificial neural networks
- Dimensionality reduction and manifold learning
- Classification and clustering
- Support vector machines and kernel methods
- Deep learning, Reinforcement Learning, Transfer Learning

Track 4: Media Processing and Interaction

- Bioinformatics, Surveillance and Security
- Industrial image analysis
- Mixed and augmented reality
- Human computer interaction
- Document understanding
- Medical image and signal analysis
- Affective computing
- Biometric systems

Full papers must be accompanied by an abstract summarising the contribution the paper makes to the field. Maximum full paper length is 6 pages in two-column IEEE format. All papers will be peer reviewed.

IMPORTANT DATES (tentative and subject to change)

Paper Submission Deadline: 14 June 2019

Notification to Authors: 19 August 2019

Camera Ready Papers Due: 6 September 2019

Conference Dates: 26-29 November 2019 (+ 25th for tutorials)

