



# The 5<sup>th</sup> Asian Conference on Pattern Recognition (ACPR 2019)

26-29 November 2019, Auckland, New Zealand

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

**Contact:** [acpr2019@aut.ac.nz](mailto: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 Springer's Lecture Notes in Computer Science (LNCS) and indexed by ISI, Scopus, EI, Google Scholar, DBLP, etc. Topics of interest include all aspects of pattern recognition:

### 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. Full papers are limited to 14 pages in LNCS format. All papers will be peer reviewed double-blind.

## 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 (+ 25<sup>th</sup> for tutorials)

