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

Steering Committee
Tieniu Tan (Chinese Academy of Sciences, China)
Seong-Whan Lee (Korea University, Korea)
Cheng-Lin Liu (Chinese Academy of Sciences, China)
Sankar K. Pal (Indian Statistical Institute, India)
Yasushi Yagi (Osaka University, Japan)

General Chairs
Reinhard Klette (Auckland University of Technology, NZ)
Brendan McCane (University of Otago, NZ)
Umapada Pal (Indian Statistical Institute, India)

Program Chairs
Gabriella Sanniti di Baja (Institute of High Performance Computing and Networking, Italy)
Lian Wang (National Laboratory of Pattern Recognition, China)
Palainhnokote Shivkumar (University of Malaya, Malaysia)

International Liaison Chair
Edwin Hancock (University of York, United Kingdom)
Anil K. Jain (University of Michigan, United States)

Workshop Chairs
Cheng Lin Liu (National Laboratory of Pattern Recognition, China)
Junsong Yuan (Nanyang Technological University, Singapore)

Tutorial Chairs
Michael Blumenstein (University of Technology Sydney, Australia)
Ujjwal Maulik (Jadavpur University, India)

Sponsorship Chair
Koichi Kise (Osaka University, Japan)

Exhibition/Demo Chairs
Yue Lu (East China Normal University, China)
Partha Pratim Roy (IIT Rookey, India)

Local Organising Chair
Martin Stommel (Auckland University of Technology, NZ)

Organising Committee
Weiqi Yan (Auckland University of Technology, NZ)
Minh Nguyen (Auckland University of Technology, NZ)
Tapabrata Chakraborty (University of Otago, NZ)

Web Chair
Andrew Chen (University of Auckland, NZ)

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)