The 31st International

Image and Vision Computing New Zealand

Conference
(IVCNZ 2016)

Palmerston North, 21-22 November, 2016

Final Call for Papers

Purpose:

Image and Vision Computing New Zealand is New Zealand's premier academic conference on all aspects of computer vision, image processing, visualisation and computer graphics.

Scope:

Submissions of original research are invited to IVCNZ on any aspect of image and video computing. Relevant topics include, but are not limited to:

- AI approaches to computer vision
- Augmented and virtual reality
- Automated visual surveillance
- Biomedical imaging and visualisation
- Biologically inspired vision systems
- Biometrics
- Calibration techniques
- Computer graphics
- Deep learning applied to imaging
- Face recognition
- Feature detection and feature extraction
- Geometric modelling
- Graph matching
- Image analysis and understanding
- Image and video enhancement
- Image based rendering
- Image compression and coding
- Image retrieval
- Machine vision applications
- Medical imaging applications
- Motion tracking and analysis
- Multimedia information retrieval
- Novel algorithms or techniques
- Object recognition
- Pattern recognition and classification
- Reconstruction techniques
- Rendering and scientific visualisation
- Security and surveillance
- Shape recovery from multiple images
- Signal processing
- Sonar and acoustical imaging
- Stereo image analysis

Key Dates:

Submission of full papers for review:	**24 September, 2016**	**(Extended deadline)**
Notification of acceptance:	**14 October, 2016**	
Final papers due:	**1 November, 2016**	

Submissions:

Submissions must be complete manuscripts of 5 or 6 pages in IEEE double column format, and should be submitted as PDF files via Easychair (https://easychair.org/conferences/?conf=ivcnz2016). Paper templates in LaTeX and Word format are available from the conference website.

The conference will consist of a mix of oral and poster sessions. No distinction will be made between the two types of presentation in the proceedings: authors may request the type of presentation they consider most appropriate for their paper, however the final decision will be made by the program committee

In submitting a paper, the authors warrant that should the paper be accepted, the final paper will be prepared in time for inclusion into the published proceedings and that one of the authors will attend the conference and present the paper. The proceedings will be submitted to IEEE Xplore after the conference; the committee reserves the right to withdraw any paper from the proceedings that is not presented at the conference.

Sponsors:

Massey University, IEEE NZ Central Section

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