



# **Proceedings of the 2016 International Conference on Image and Vision Computing New Zealand (IVCNZ)**

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# Welcome Message

It gives us great pleasure in welcoming you to Palmerston North for the 2016 Image and Vision Computing New Zealand Conference, IVCNZ 2016. We would like to thank all of the authors for considering IVCNZ as the forum for presenting your research. Without your contributions, we would not have a conference! We received 91 submissions, from which 55 (60%) were selected for presentation. Of the submissions, 51 had the primary author from NZ (56%), 22 from Australia (24%), and the remaining 18 from the rest of the world (20%). Of the accepted papers, 38 (69%) were from NZ, 12 (22%) were from Australia, and 5 (9%) from the rest of the world.

We would like to express our sincere thanks to the Program Committee and paper reviewers, who have volunteered their time to examine and critique all of the papers, and ensure that we have a high quality technical program. Each paper has been reviewed by at least two, and in most cases three, reviewers to ensure that each paper is up to the expected standard. The accepted papers have been distributed over 6 oral sessions (22 papers) and 3 poster sessions (33 papers). In the proceedings, there is no distinction between oral and poster papers; the papers selected for oral presentation were based on common themes, and were those that we considered may be of more general interest.

Within our program this year, we have two keynote addresses. The first is from Professor Brian Lovell, from the University of Queensland, who is the IAPR Distinguished Speaker. Brian will discuss face recognition from CCTV-based video, and associated large scale surveillance. The second keynote presentation is by Associate Professor Marcus Freen, from Victoria University of Wellington. His address relates to objects of interest in astronomical images from large scale data. We are grateful to both speakers for their participation in this year's conference.

We have endeavoured to keep registration costs as low as possible, particularly for student delegates. This has been achieved by keeping things simple, and maintaining a relatively low key conference. Of the delegates attending the conference, about 60% are students.

We would like to take this opportunity to thank the other members of the organisation team: Lisa Lightband, Dilantha Punchihewa, and Sharlene Lochore. Their efforts have greatly assisted in bringing together the various organisational details of this year's conference. Many thanks also to the sponsors of this year's conference: the School of Engineering and Advanced Technology at Massey University, the International Association for Pattern Recognition, and the IEEE New Zealand Central Section.

Finally, we hope that you enjoy the varied programme that we have, and find the discussion with like minds to be stimulating. Make the most of the opportunities presented to forge new collaborations with the other delegates.

While in Palmerston North, take the opportunity to sample what the Manawatu has to offer, and after it is all over, we wish you a safe journey back home.

Donald Bailey – *IVCNZ 2016 Convenor*  
Stephen Marsland – *Technical Program Chair*  
Gourab Sen Gupta – *Technical Program Chair*

# Table of Contents

How do you develop a face detector for the unconstrained environment?.....	1
<i>Wai San, Shaokang Chen, Arnold Wiliem, Binn Di and Brian Lovell</i>	
To face or not to face: Towards reducing false positive of face detection .....	7
<i>Siqi Yang, Arnold Wiliem and Brian C. Lovell</i>	
Improving pedestrian detection.....	13
<i>Jamie Bowers and Richard Green</i>	
Texture-based feature mining for crowd density estimation: a study.....	18
<i>Muhammad Saqib, Sultan Daud Khan and Michael Blumenstein</i>	
glGetFeedback - Towards automatic feedback and assessment for OpenGL 3D modelling assignments.....	24
<i>Blake Hodgkinson, Christof Lutteroth and Burkhard Wuensche</i>	
Modelling of feature matching performance on correlated speckle images .....	30
<i>Victor Wang and Michael Hayes</i>	
A dynamic feature map integration approach for predicting human fixation.....	36
<i>Ibrahim Rahman, Christopher Hollitt and Mengjie Zhang</i>	
Collaborative representation based fine-grained species recognition.....	42
<i>Tapabrata Chakraborti, Brendan McCane, Steven Mills and Umapada Pal</i>	
Accuracy of free-space detection: Monocular versus binocular vision .....	48
<i>Noor Haitham Saleem and Reinhard Klette</i>	
Human detection model using feature extraction method in video frames .....	54
<i>Arwa Alzughaibi and Zenon Chaczko</i>	
Embodied Earth: Experiencing natural phenomena .....	60
<i>Steven Mills, David Green, Nancy Longnecker, James Brundell, Craig Rodger and Peter Brook</i>	
Automated mango flowering assessment via refinement segmentation .....	66
<i>Zhenglin Wang, Brijesh Verma, Kerry Walsh, Phul Subedi and Anand Koirala</i>	
Practical application of the geometric wavefront sensor for adaptive optics .....	72
<i>Saloni Pal, Andrew Lambert and Stephen J. Weddell</i>	
Embedded infrared imaging to measure the deformation of a soft robotic actuator .....	77
<i>Harris Thien, Martin Stommel, Florian Le Daheron, Alex Le Page, Zhicong Deng and Peter Xu</i>	
Scene structure analysis for sprint sports.....	83
<i>Mohammad Hedayati, Michael Cree and Jonathan Scott</i>	

A Bayesian method for type-specific quadric fitting.....	88
<i>Matthew Collett</i>	
A visual modeling of knowledge for decision-making.....	93
<i>Jihed Elouni, Hela Ltifi, Mounir Ben Ayed and Mohamed Masmoudi</i>	
The phase problem with structured sampling.....	99
<i>Romain Arnal and Rick Millane</i>	
LIDAR guided stereo simultaneous location and mapping (SLAM) for UAV outdoor 3-D scene reconstruction.....	104
<i>Trevor Gee, Jason James, Wannas Van Der Mark, Patrice Delmas and Georgy Gimel'farb</i>	
When to use what feature? SIFT, SURF, ORB, or A-KAZE features for monocular visual odometry.....	110
<i>Hsiang-Jen Chien, Chen-Chi Chuang, Chia-Yen Chen and Reinhard Klette</i>	
Estimating heading direction from monocular video sequences using biologically-based sensors.....	116
<i>Michael Cree, John Perrone, Gehan Anthonys, Aden Garnett and Henry Gouk</i>	
MR imaging near metal: The POP algorithm.....	122
<i>Phil Bones, Laura King and Rick Millane</i>	
Document image retrieval based on texture features and similarity fusion.....	128
<i>Fahimeh Alaei, Alireza Alaei, Michael Blumenstein and Umapada Pal</i>	
Power line detection using Hough transform and line tracing techniques.....	134
<i>Lewis Baker, Steven Mills, Tobias Langlotz and Carl Rathbone</i>	
QMET: A new quality assessment metric for no-reference video coding by using human eye traversal.....	140
<i>Pallab Podder, Manoranjan Paul and Manzur Murshed</i>	
VISGIS: Dynamic situated visualization for geographic information systems.....	146
<i>Stefanie Zollmann, Christian Poglitsch and Jonathan Ventura</i>	
Automatic retinal vessel extraction algorithm based on contrast-sensitive schemes.....	152
<i>Mohammad Au Khan, Toufique A Soomro, Tariq Mahmood, Donald G. Bailey, Junbin Gao and Nighat Mir</i>	
Extraction of utility poles in LIDAR scans using cross-sectional slices.....	157
<i>Josh McCulloch and Richard Green.</i>	
Simulation of temporal coherence loss for repeat-pass synthetic aperture sonar.....	163
<i>Blair Bonnett and Michael Hayes</i>	
Fuzzy rule based approach for face and facial feature extraction in biometric authentication.....	169
<i>Mozammel Chowdhury, Junbin Gao and Rafiqul Islam</i>	

Segmentation of harmonic syllables in noisy recordings of bird vocalisations.....	174
<i>Yukio Fukuzawa, Stephen Marsland, Matthew Pawley and Andrew Gilman</i>	
How to predict lightness variations from one illuminant to another?.....	180
<i>Steven Le Moan</i>	
Extending the depth of field in microscopy: A review .....	185
<i>Anoop Suraj Ambikumar, Donald G. Bailey and Gourab Sen Gupta</i>	
The role of focus in object instance recognition.....	191
<i>Oliver Batchelor and Richard Green</i>	
FPGA based multi-shell filter for hot pixel removal within colour filter array demosaicing .....	196
<i>Donald Bailey and Jim S. Jimmy Li</i>	
Baseline method for the decoding of optical markers known as 'snowflakes'.....	202
<i>Martin Stommel, Stephen Henry and Eleanor Williams</i>	
Design of a pseudo-holographic distributed time-of-flight sonar range imaging system.....	208
<i>Lee Streeter, Jonathan Scott, Carl Lickfold and Michael Cree</i>	
Local depth patterns for fine-grained activity recognition in depth videos.....	214
<i>Sari Awwad and Massimo Piccardi</i>	
A hierarchical segmentation tree for superpixel-based image segmentation.....	220
<i>Xianbin Gu, Jeremiah Deng and Martin Purvis</i>	
Deep convolutional encoder-decoder for myelin and axon segmentation.....	226
<i>Rassoul Mesbah, Brendan McCane and Steven Mills</i>	
Improve data compression performance using wavelet transform based on HVS .....	232
<i>Hanadi Hakami and Zenon Chaczko</i>	
Detection and spatial analysis of fairy circles.....	238
<i>Mahmoud Al-Sarayreh, Zahra Moayed, Barbara Bollard-Breen, Jean-Baptiste Ramond and Reinhard Klette</i>	
Design of a new trading card for table-top augmented reality game environment.....	244
<i>Minh Nguyen, Wai Yeap and Steffan Hooper</i>	
Early diagnosis of Alzheimer's disease: A multi-class deep learning framework with modified k-sparse autoencoder classification .....	250
<i>Pushkar Bhatkoti and Manoranjan Paul</i>	
Computer-assisted recognition of dolphin individuals using dorsal fin pigmentations.....	255
<i>Andrew Gilman, Krista Hupman, Karen Stockin and Matthew Pawley</i>	
High-accuracy fiducial markers for ground truth .....	261
<i>Matthew Edwards, Michael Hayes and Richard Green</i>	

A new template updating method for correlation tracking .....	267
<i>Ahmad Ali, Abdul Jalil and Javen Ahmed</i>	
Identifying well-orientated diffraction patterns in XFEL data .....	273
<i>David Wojtas, Carolin Seuring, Kartik Ayyer, Henry Chapman and Rick Millane</i>	
Development of a low cost microfluidic imaging system .....	279
<i>Ben Pedersen, Donald G. Bailey, Robert M. Hodgson, Ralph Ball and Rob Ward</i>	
Evaluating using GoPro cameras and Tsai's calibration for video-based submerged river-bed reconstruction .....	285
<i>Wei Li, Trevor Gee, Patrice Delmas and Heide Friedrich</i>	
Extreme imaging: Macromolecular imaging using x-ray free-electron lasers.....	291
<i>Rick Millane, David Wojtas and Romain Arnal</i>	
Polychromatic near-field ptychography.....	297
<i>Richard Clare, Martin Dierolf and Irene Zanette</i>	
3-D reconstruction of historical documents using an X-Ray C-arm CT system .....	303
<i>Daniel Stromer, Gisela Anton, Vincent Christlein, Andreas Maier and Patrick Kugler</i>	

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