

Call for Papers**Image and Vision Computing New Zealand 2003
(IVCNZ'03)****26-28 November 2003****Massey University, Palmerston North, New Zealand****Chair:**

Donald Bailey, NZ

Committee:Amal Punchihewa
Kim Gribbon
Andrew Gilman
Roger Browne
Christine Allport**Programme Committee:**Donald Bailey, NZ
George Benwell, NZ
Roger Browne, NZ
Chi-Fa Chen, Taiwan
Roger Clarke, UK
Ross Clarke, NZ
Michel Couprie, France
Michael Cree, NZ
Ulrich Eckhardt, Germany
Chiou-Shann Fuh, Taiwan
Andre Gagalowicz, France
Sue Galvin, NZ
Georgy Gimel'farb, NZ
Chris Handley, NZ
Mike Hayes, NZ
RM (Bob) Hodgson, NZ
Atsushi Imiya, Japan
Herbert Jahn, Germany
Yukiko Kenmochi, Japan
Reinhard Klette, NZ
Richard Lane, NZ
Brian Lovell, Australia
Brendan McCane, NZ
Stephen McNeill, NZ
Anthony Maeder, Australia
Rick Millane, NZ
Steven Mills, UK
Kevin Novins, NZ
Ralf Reulke, Germany
Azriel Rosenfeld, USA
David Squire, Australia
Svetha Venkatesh, Australia
Geoff West, Australia
Peter Wigham, NZ
Geoff Wyvill, NZ
Jong Ye, USA
Mengjie Zhang, NZ**Contact:**Dr Donald Bailey
D.G.Bailey@massey.ac.nz
Ph: +64-6-350 5799 x2451
Fax: +64-6-350 2259**Sponsors:**Massey University
International Association for Pattern Recognition**Purpose:**

IVCNZ is New Zealand's premier conference for innovations in computer vision and image processing. Held annually, it attracts an international forum of scientists and researchers from over a dozen countries.

Scope:

IVCNZ 2003 will include tracks on technical papers, posters, and invited speakers. Submissions for technical papers are invited in all areas of Computer Vision, Image Processing, Visualization, and Computer Graphics including but not limited to:

- AI approaches to computer vision
- Automated visual surveillance
- Calibration techniques
- Computer graphics and virtualised environments
- Data mining and data fusion
- Enhancement of video and still images
- Feature detection and feature extraction
- High-precision 3D measurements
- Image compression and coding
- Image analysis and understanding
- Mesh acquisition and simplification
- Motion tracking and analysis
- Novel algorithms or techniques
- Object recognition
- Pattern recognition, clustering, and classification
- Reconstruction techniques
- Scientific visualization
- Signal processing
- Sonar and acoustical imaging
- Statistical inference and characterisation
- Stereo analysis
- Shape recovery from multiple images
- Vision and visual processing
- Visualization of temporal sequences and data
- Wide-area scanning technologies

Key Dates:Submissions: **August 22, 2003**
Notification of acceptance: **September 19, 2003**
Camera ready copy: **October 17, 2003**
Advance registration: **October 17, 2003****Submissions:**All submissions (both technical paper and poster) should be as complete manuscripts (4 to 6 pages including references). Both poster and technical paper submissions will be permitted six double column format pages in the proceedings. Submissions should be made electronically as Postscript or PDF files, submitted via the web page: <http://sprg.massey.ac.nz/ivcnz>.

In submitting a paper the author(s) agree that, upon acceptance, they will prepare the final manuscript in time for the inclusion into the published proceedings, and will present the paper at the Conference. Final manuscripts will not be published without advance registration.