



## **The thirteenth annual Conference on Mechatronics and Machine Vision in Practice**

**Will be held December 5-7 2006 in Toowoomba, close to Brisbane, Australia**

### **Call for papers**

Please send two-page (equivalent) extended abstracts by plain-text email to [johnbill@usq.edu.au](mailto:johnbill@usq.edu.au), with the subject heading "M2VIP abstract" to arrive before May 1st, 2006 - the earlier the better. See [www.m2vip.com](http://www.m2vip.com) for details.

The topics of the conference are defined in its title, Mechatronics and Machine Vision in Practice - and the emphasis is on practical applications. Special encouragement is given to applications of robotics and machine vision in agriculture.

The international panel of referees will select the abstracts they wish to review from a list of titles. They will be sent email abstracts that had been edited to make them anonymous. They are asked to make a judgment based on:

- Originality or Novelty
- Interest for delegates
- Language/presentation
- Evidence of practical application
- Relevance to M2VIP

Successful authors will be invited to submit full papers, which will be reviewed again to a standard that meets the DEST E1 criterion.

### **Scope of the conference**

'Mechatronics' has become accepted for what it is, the blending of mechanics, electronics and computer control into an integrated design. Degree courses in mechatronics are now widespread.

That does not mean that mechatronics has lost its 'art'. It continues to be the basis of an ever growing list of products and techniques of great technical and commercial value. Mechatronic design can result in products which are much simpler than their intricate and costly predecessors and can make commonplace the miracles of yesterday.

Machine-vision has emerged from the laboratory to find real applications in areas which include vehicle guidance, robot control and agriculture. Low-cost cameras have been developed for multimedia applications - but with their ease of interfacing they offer a whole new field of low-cost vision-based control.

Like its twelve predecessors, M2VIP 2006 will provide a forum for international experts and researchers to present and review advances in mechatronics and machine vision which have culminated in practical applications, or which promise practical implementation in the very near future.

Presentations are encouraged to include video material of experimental systems.

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