Digital Image Computing Techniques and Applications

9th Biennial Conference of the Australian Pattern Recognition Society

DICTA 2007

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## Message from General Chair

## Conference Organization

## Program Committee

### Session 1: Human Computer Interaction

Recognition of Facial Movements and Hand Gestures Using Surface Electromyogram (sEMG) for HCI Based Applications

*Sridhar Arjunan, and Dinesh K. Kumar*

Visual Speech Recognition and Utterance Segmentation Based on Mouth Movement

*Wai Chee Yau, Hans Weghorn, and Dinesh Kant Kumar*

Limitations and Applications of ICA in Facial sEMG and Hand Gesture sEMG for Human Computer Interaction

*Ganesh R. Naik, Dinesh K. Kumar, Sridhar P. Arjunan, Hans Weghorn, and Marimuthu Palaniswami*

Interactive Reconstruction of Archaeological Fragments in a Collaborative Environment

*Yifan Lu, Henry Gardner, Huidong Jin, Nianjun Liu, Rhys Hawkins, and Ian Farrington*

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*Ganesh R. Naik, Dinesh K. Kumar, Hans Weghorn, and Marimuthu Palaniswami*

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