

**AISB 2004 Convention**  
**COST287-ConGAS Symposium on Gesture Interfaces for Multimedia Systems (GIMS)**

[www.leeds.ac.uk/aisb/gims](http://www.leeds.ac.uk/aisb/gims)

## Programme

Venue: Rehearsal Hall (B09, Basement), Music & ICSRiM building

**Monday, 29 March 2004**

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| 08:00–09:00                                | <b>Registration:</b> New School of Music & ICSRiM building, Cavendish Road, University of Leeds   |
| 09:00–09:05                                | <b>AISB 2004 Convention, Opening Session:</b> Dr Kia Ng   |
| 09:05–10:00                                | <b>Plenary keynote 1,</b> Prof Anthony Cohn<br>Cognitive Vision: integrating symbolic qualitative representations with computer vision                            |
| 10:00–10:30                                | Coffee/tea break  |
| <b>Session 1. Chair: Nicola Bernardini</b> |   |
| 10:30–10:50                                | Object Design Considerations for Tangible Musical Interfaces ( <i>M. Kaltenbrunner, S. O'Modhrain, E. Costanza</i> )  |
| 10:50–11:10                                | The Scangloves: a Video-Music Instrument Based on Scanned Synthesis ( <i>L. Kessous, D. Arfib</i> )   |
| 11:10–11:30                                | Novagen: A Combination of Eyesweb and an Elaboration-Network Representation for the Generation of Melodies under Gestural Control ( <i>A. Marsden</i> )           |
| 11:30–11:50                                | Virtual Sculpture – Gesture-Controlled System for Artistic Expression ( <i>M. Marshall</i> )  |
| 11:50–12:10                                | Oscillation: Work for Saxophonist, 3D Animation and Real-time Sound Processing Controlled by Motion Capture Data ( <i>F. Schroeder, P. Rebelo, P. Nelson</i> )    |
| 12:10–12:30                                | A Movement Recognition Engine for the Development of Interactive Multimedia Works ( <i>T. Ingalls, T. Rikakis, J. James, G. Qian, L. Olson, F. Guo, S. Wong</i> ) |
| 12:30–14:00                                | Lunch break   |
| <b>Session 2. Chair: Antonio Camurri</b>   |   |
| 14:00–14:15                                | Motion and Emotion using Home-made Digital Musical Instruments ( <i>D. Arfib, J.-M. Couturier, L. Kessous</i> )   |
| 14:15–14:30                                | Improving Gestural Articulation through Active Tactual Feedback in Musical Instruments ( <i>B. Bongers, G. van der Veer and M. Simon</i> )                        |
| 14:30–14:45                                | Toward Real-time Multimodal Processing: EyesWeb 4.0 ( <i>A. Camurri, P. Coletta, A. Massari, B. Mazzarino, M. Peri, M. Ricchetti, A. Ricci, G. Volpe</i> )        |
| 14:45–15:00                                | Using Optical Motion Capture for Gesture Recognition ( <i>D. Lowe, N. Murray, J. Y. Goulermas and T. Fernando</i> )   |
| 15:00–15:15                                | On Webcams and Ultrasonic Anemometers: Applications of Touchless Sensors in the White Cube Context ( <i>M. Steiner</i> )  |
| 15:15–15:30                                | Sensing Systems for Interactive Architecture ( <i>B. Bongers</i> )  |
| 15:30–16:00                                | Coffee/tea break  |
| <b>Session 3. Chair: Kia Ng</b>            |   |
| 16:00–16:30                                | Palpable pixels and virtual strings ( <i>B. Bongers</i> )   |
| 16:30–17:00                                | EyesWeb 4.0 ( <i>A. Camurri, G. Volpe</i> )   |
| 17:00–17:30                                | EyeCon – A Motion Sensing Tool for Creating Interactive Dance, Music and Video Projections ( <i>R. Wechsler, F. Weiß, P. Dowling</i> )                            |

You may also be interested in the plenary keynote by Prof Antonio Camurri (“Expressive Gesture and Multimodal Interactive Systems”) on Tuesday 30 March 2004, 9-10am. There is also a meeting of the EU COST action 287 "ConGAS - Gestural Controlled Audio Systems" Working Group 2 on Tuesday 30 March 2004. If you are interested to attend the meeting, please contact [icsrim@leeds.ac.uk](mailto:icsrim@leeds.ac.uk) or inform the co-chairs.

## COST-ConGAS WG2 Meeting

Venue: Rehearsal Hall (B09, Basement), Music & ICSRiM building

**Tuesday, 30 March 2004**

|             |   |
|-------------|---|
| 08:15–09:00 | <b>Registration:</b> New School of Music & ICSRiM building, Cavendish Road, University of Leeds         |
| 09:00–10:00 | <b>Plenary keynote 2,</b> Prof Antonio Camurri<br>Expressive Gesture and Multimodal Interactive Systems |
| 10:00–10:30 | Coffee/tea break  |
| 10:30–12:30 | <ul style="list-style-type: none"> <li>• Agenda</li> <li>• Lab tour</li> </ul>                          |
| 12:30–14:00 | Lunch break   |
| 14:00–15:30 | ConGAS meeting: presentations and discussions   |
| 15:30–16:00 | Coffee/tea break  |
| 16:00–17:30 | ConGAS meeting: hands-on/demo   |