

MC2-2013

International Workshop on Motion Capture and Classification

in conjunction with INCoS-2013

Xi'an, China – September 9-11, 2013

<http://www.ece.uvic.ca/~kinli/MC2-13>

Workshop Co-Chairs

Kin Fun Li, University of Victoria, Canada
Weiwei Xing, Beijing Jiaotong University, China

Program Committee

An International Panel of Experts to be announced

Conference URL

<http://www.ece.uvic.ca/~kinli/MC2-13>

Conference Contact

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Important Dates

Submission Deadline:	April 5, 2013
Author Notification:	May 30, 2013
Final Manuscript:	June 30, 2013
Author Registration:	June 30, 2013
Conference Dates:	September 9-11, 2013

Scope and Interests

Motion capture and classification (MC2-MCsquare) are important tasks in fields such as sports sciences, biometrics, and particularly in computer animation, medicine and surveillance systems, where large collections of motion material are archived and processed. In recent years, the gaming industry has done extensive research in motion detection and processing, resulting in low-cost and yet effective systems. However, there are many new applications that require specific and customised motion capture and classification capability, necessitating further research into these areas. Topics of interest that MC2-13 covers include general motion capture and classification techniques and methodologies, as well as their novel applications, but are not limited to:

- surveillance systems: motion detection, classification, tracking
- understanding and description of human behaviours
- human identification, occlusion handling
- gesture recognition
- classification of 3D gait analysis data
- motion sensing techniques
- motion sensing devices: Kinect / Wii sensors
- human motion/action recognition
- models for articulated objects: joint detection and pose estimation
- e-learning systems based on motion capture
- collaborative motion capture and classification
- motion recognition in assistive technologies
- real-time motion tracking and classification systems
- motion classification techniques
- motion capture and classification applications
- motion capture and classification in networking
- 3D animation and simulation-based training systems
- rigid body motion – robot motion
- similarity, retrieval and classification of motion data

Submission Information

Original full paper of at most 6 (six) pages including figures and references in PDF (Proceedings Style: two columns, single-spaced, 10 font, page numbered) should be submitted through <http://www.ece.uvic.ca/~kinli/MC2-13>. Submission of a paper should be regarded as a commitment that, if the paper is accepted, at least one of the authors will register and present at the workshop. Accepted papers will be published in the Conference Proceedings and will be considered for publication in special issues of international journals.