



University  
of Victoria

# MC2 - 2012

## International Workshop on Motion Capture and Classification

Bucharest, Romania – September 19-21, 2012

Held at University Politehnica of Bucharest

In conjunction with the INCoS-2012



## CALL FOR PAPERS

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.

### Conference Topics

- 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>.

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 by the **Conference Publishing Services (CPS)** and archived in the **Digital Library**. Extended version of selected papers presented at MC2-2012 will be considered for publication in special issues of international journals.

### Important Dates

**Papers Submission Deadline: June 13, 2012**

Author Notification: June 20, 2012

Final Manuscript: July 6, 2012

Author Registration: July 6, 2012

**Conference Dates: September 19-21, 2012**

#### GENERAL Co-CHAIRS

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#### PROGRAM COMMITTEE

**An International Panel  
of Experts will be assembled**

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