

## Call for Papers



### IEEE International Workshop on Dynamic Shape Capture and Analysis

International Conference on Computer Vision ICCV 2013, Sidney, Australia

**Workshop date: December 7<sup>th</sup> 2013**

<http://campar.in.tum.de/FourDMod13/WebHome>

### **Deadline for Paper Submission: September 7<sup>th</sup> 2013**

4DMOD is the workshop on modeling of the dynamic scenes. Modeling shapes that evolve over time, analyzing and interpreting their motion is a subject of increasing interest of many research communities including the computer vision, the computer graphics and the medical imaging community. Following the 1st edition in 2011, the purpose of this workshop is to provide a venue for researchers, from various communities, working in the field of dynamic scene modeling from various modalities to present their work, exchange ideas and identify challenging issues in this domain. Contributions are sought on new and original research on any aspect of 4D Modeling. Possible topics include, but are not limited to:

- 4D acquisition of real-world dynamic scenes
- Shape recovery of dynamic 3D scenes
- Temporally consistent tracking of deformable surfaces
- 4D Representation
- 4D Reconstruction from Medical Images
- Deformation surface models
- Free-viewpoint and 3D video
- Marker-less human motion capture (articulated and surface based)
- Monocular and multi-view deformable surface capture
- Animation and texture transfer
- Deformable surface tracking for medical applications
- Deformable Shape Matching
- Motion analysis
- Shape analysis
- Shape segmentation
- Learning of model deformations
- Space-time geometry processing
- Applications of 3D video and 4D modeling

Papers must describe high-quality, original research in areas related to modeling and analysis of dynamic scenes and their applications. By submitting a manuscript to 4DMOD, the authors assert that the submitted papers are not substantially similar to any paper published or submitted elsewhere. All submissions will be handled electronically. No double submission to other conferences is allowed. Instructions on paper submission can be found at:

<http://campar.in.tum.de/FourDMod13/WebHome>

All papers will be subject to peer review and published by the IEEE and will be part of the ICCV workshop proceedings distributed on the conference DVD. Submitted

papers must comply with the ICCV style and length requirements (up to 8 pages). 4DMOD reviewing is double blind, all papers should follow the usual guidelines for preservation of anonymity.

### **Important Dates**

Paper submission deadline: September 7, 2013

Notification of Acceptance: October 7, 2013

Final camera-ready paper submission: October 13, 2013

Workshop date: December 7, 2013

### **Workshop Organisers**

Slobodan Ilic, Computer Science Department, Technical University Munich, Germany

Edmond Boyer, Morpheo Team, INRIA Rhone-Alpes, France

Adrian Hilton, Visual Media Research Group, CVSSP, University of Surrey, UK

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### **Programme Committee**

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