MeshMed 2012 is a workshop held in conjunction with MICCAI 2012 in Nice on October 1. The topic of the workshop is broadly based on three overlapping topics: Mesh processing, the image-to-mesh (I2M) pipeline, and surface analysis and extraction. While numerous I2M technologies have been developed, rarely do they get sufficient exposure for out-of-field researchers have the necessary expertise to know the nuances between them. Similarly, researchers in geometry, meshing, and surfaced often consider their problems in independent settings, external to their use in a specific imaging pipeline. In particular, there is a need for designing novel technologies that strictly focus on medical image domains. This workshop proposes to improve the cross-pollination of the imaging and meshing efforts by considering how meshing fits into the end-to-end pipeline from image acquisition to clinical analysis.

Topics
We invite papers on the following (non-exhaustive) list of topics:

- Mesh representations, generation, extraction, visualisation and processing.
- Image-to-mesh pre-processing, conversion, and post-processing.
- Surface representation, extraction, matching, and analysis.

Organizers
Joshua A. Levine (SCI Institute, University of Utah)  
Yongjie Zhang (Carnegie Mellon University)  
Rasmus R. Paulsen (Technical University of Denmark)  
Sylvain Prima (IRISA/INRIA Rennes, France)  
Nikos P. Chrisochoides (Old Dominion University)  
Ross T. Whitaker (SCI Institute, University of Utah)

Program committee
Michael Bronstein (University of Lugano, CH)  
Miguel AG Ballester (ALMA IT Systems, Spain)  
Jakob Andreas Bærentzen (Technical University of Denmark)  
Andrey Chernikov (Old Dominion University, USA)  
Gary Christensen (University of Iowa, USA)  
Tim Cootes (University of Manchester, UK)  
Tron Darvann (Copenhagen University, DK)  
Cindy Grimm (Washington University in St.Louis)  
Michael Kazhdan (Johns Hopkins University, USA)  
Sebastian Kurtek (Florida State University, USA)  
Mads Nielsen (Copenhagen University, DK)  
Wiro Niessen (Erasmus University Rotterdam, NL)  
Sebastien Ourselin (University College London, UK)  
Mauricio Reyes (University of Bern, CH)  
Daniel Rueckert (Imperial College London, UK)  
Jonathan Shewchuk (UC Berkeley, USA)  
Suzanne M. Shontz (Pennsylvania State University, USA)  
Anuj Srivastava (Florida State University, USA)  
Martin Styner (UNC Chapel Hill, USA)  
Lilla Zöllei (Harvard Medical School, USA)  
Lasse Riis Østergaard (Aalborg University, DK)

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