MeshMed 2012   http://www.imm.dtu.dk/MeshMed

MICCAI workshop on
# Mesh Processing in Medical Image Analysis

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 surfacing 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.
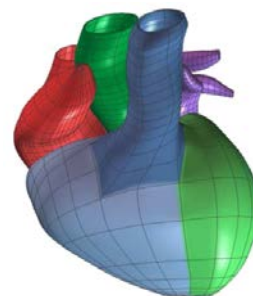
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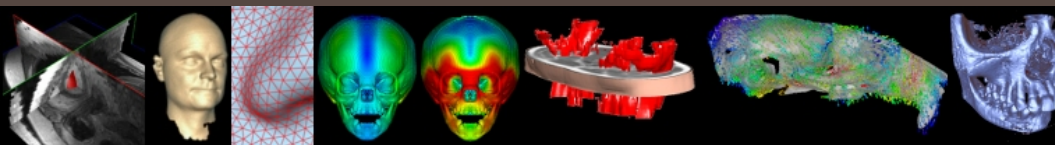
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