

ONE-DAY WORKSHOP ON

MR Image-based Modeling for Advanced Diagnosis and Interventional Planning

(Image-based Cerebrovascular and Bone Modelling)



Tehran University
of Medical Sciences



Research Center for Molecular and Cellular Imaging

Research Center for
Molecular and Cellular
Imaging

Organized by: Dr. Hamidreza Saligheh Rad

Venue:

Research Center for Molecular and Cellular Imaging (RCMCI), Institute for Advanced Medical Technologies (IAMT),
Tehran University of Medical Sciences (TUMS).
Thursday, 8th May, 2014

Registration Deadline: April 15, 2014

Keynote Speakers



Prof. Alejandro F Frangi

The University of Sheffield

A: Image-based Cerebrovascular Modeling for Advanced Diagnosis and Interventional Planning

B: 3D Reconstruction of the Proxima Femur and Lumbar Vertebrae from Dual-energy X-ray Absorptiometry for Osteoporotic Fracture Risk Assessment



Dr. Hamidreza Saligheh Rad

Tehran University of Medical Sciences

Quantitative Assessment of Trabecular/Cortical Bone using Magnetic Resonance Imaging



Dr. Abbas Nasiraei Moghaddam

Amirkabir University of Technology

Different Roles of MR Imaging in Cardiovascular Modeling: from Geometry to Function



Dr. Nasser Fatouraei

Amirkabir University of Technology

Fluid-Structure Interactions (FSI) Modeling in Brain and Heart Based on Medical Images



Ali Sarami

Isfahan University of Technology

Image-based Patient-specific Computational Fluid Dynamics Modeling for Intracranial Aneurysms

For registration please email qmisg.tums@gmail.com

For more information contact +98 913 216 7198