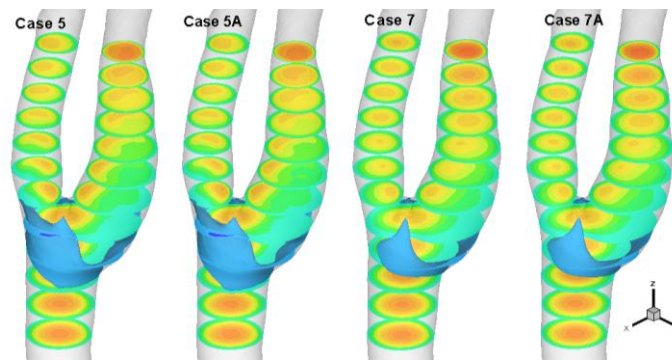


Workshop on Hemodynamics and Hemorheology

University of Cyprus
 Tuesday, February 7, 2012



Programme

ΣΘΕΕ01/037, New Campus (Panepistimioupolis), University of Cyprus

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|-------------|---|
| 10:00 | Welcome |
| 10:00-10:10 | Georgios Georgiou (UCY) <i>Influence of volume expanders on fluidity of blood through arteries and other blood vessels</i> |
| 10:10-10:20 | Andreas Anayiotos (CUT) <i>Research at the Biomechanics and Living Systems Analysis Laboratory at the Cyprus University of Technology</i> |
| 10:20-11:00 | Yannis Papaharilaou (IACM/FORTH) <i>Non-Newtonian rheology of whole human blood – implications in numerical simulation of arterial hemodynamics</i> |
| 11:00-11:10 | Break |
| 11:10-11:30 | Nicolas Aristokleous (CUT) <i>Head Rotation Influences the Geometric Features of the Stenotic Carotid Bifurcation</i> |
| 11:30-11:50 | Mohammad Iman Khozeymeh (CUT) <i>CFD on a giant internal carotid artery aneurysm with proximal stenosis</i> |
| 11:50-12:10 | Hari Radhakrishnan (EXA) <i>Accelerated FSI solvers using general purpose graphical processing units (GPGPUs)</i> |
| 12:10 | End of the Workshop |

Organizers: Department of Mathematics and Statistics, University of Cyprus
 Department of Mechanical Engineering and Materials Science and Technology
 Cyprus University of Technology