

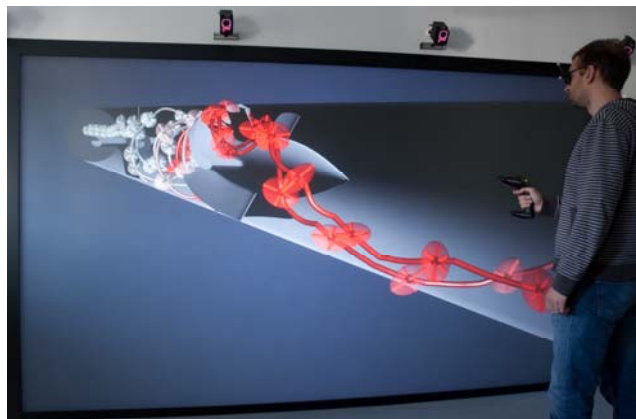
6. VRCA-Workshop: “Virtual Reality in Computational Engineering Science”

Tuesday, July 7, 2009

AICES Graduate School
Rogowski Building, Room 115, Schinkelstr. 2, 52062 Aachen

Registration under www.vrca.rwth-aachen.de

- 14:00 Welcome & Introduction to the VRCA
Torsten Kuhlen (VR Group and CEO of VRCA)
- 14:15 Computational Engineering Science at RWTH Aachen University
Christian Bischof (SC and Speaker of VRCA)
- 14:30 ViSTA FlowLib – Unsteady Data Exploration in Virtual Environments
Marc Wolter, VR Group
- 14:50 Interactive Blood Damage Analysis for Ventricular Assist Devices
Markus Probst (CATS), Irene Tedjo (VR Group)
- 15:10 Simulation and Visualization of Human Cavity Nasal Flows
N.N. (AIA)
- 15:30 **Break & Demos at the AICES High Resolution PowerWall**



- 16:00 Exploration of Turbine Propulsion Simulation Datasets
Andreas Gerndt (SISTEC, German Aerospace Center)
- 16:20 Simulation of Radio Wave Propagation by Beam Tracing
Arne Schmitz (Computer Graphics Group), Tobias Rick (VR Group)
- 16:40 Simulation Coupling in Product Development
Tobias Meisen (ZLW/IMA)
- 17:00 **Demos at the AICES High Resolution PowerWall**