

Schedule of the Open Database Workshop Wednesday March 10

Time		Place
8:15	Registration and Coffee	Agora, Mattilanniemi 2, Lea Pulkkinen Hall, 4 th floor
8:45	<i>Welcoming Words</i> Jacques Periaux, University of Jyväskylä, Finland	Ag Delta
9:00	<i>“Recent Developments in High Performance Computing”</i> Plenary Lecture 1 - Oliver Pironneau, UPMC/LJLL, France (Chairman Jacques Periaux)	
9:45	Coffee break	Agora, Lea Pulkkinen Hall, 4 th floor
10:15	<i>Some Remarks on Single and Multiphysics Codes Validation: from Analysis to Optimization Software Validation</i> Jacques Periaux, University of Jyväskylä, Finland	Ag Delta
10:30	<i>Introduction to the Finnish Design Test Case Database</i> Tuomo Varis, University of Jyväskylä, Finland	
10:45	TA 1: <i>A Numerical Set-up for Benchmarking and Optimization of Fluid-structure Interaction</i> Definition of the test case and presentation of computational data Chairmen Stefan Turek and Mudassar Razzaq, TU Dortmund, Germany; presented by M. Razzaq	
11:15	TI 1: <i>MDO of Mobile Phone: Antenna, SAR, HAC and Temperature</i> Definition of the test case and presentation of computational data Chairman Jari Jekkonen, IT’IS Foundation, Switzerland	
12:00	Lunch	Hotel Alba
13:00	<i>“Goal Oriented Error Estimation and Control: Bounds for General Quantities and Approximation of the Dispersion Error”</i> Plenary Lecture 2 - Pedro Díez, UPC, Spain (Chairman Pekka Neittaanmäki)	Ag Delta
13:45	Coffee break	Agora, Lea Pulkkinen Hall, 4 th floor
14:15	TA 2: <i>Inverse or Optimization Problems for Multiple (Ellipse) Ellipsoid Configurations</i> Definition of the test case and presentation of computational data Chairman Jyri Leskinen, University of Jyväskylä, Finland	Ag Delta
14:35	TA 2: Computational data contribution 1 (R. Duval, INRIA Sophia; presented by J. Leskinen) TA 2: Computational data contribution 2 (F. Hecht, UPMC/LJLL; presented by S. Auliac) TA 2: Computational data contribution 3 (H. Q. Chen, NUAA; presented by H. Wang) TA 2: Computational data contribution 4 (R. Bank, UCSD; presented by J. Leskinen) TA 2: Computational data contribution 5 (presented by P. Díez, UPC)	
15:55	Coffee break	Agora, Lea Pulkkinen Hall, 4 th floor
16:15	TA 7: <i>Maximizing the Performance of SHM Systems by Robust Sensor Network Optimization</i> Definition of the test case Chairmen DongSeop Chris Lee (CIMNE, Spain), Fu-Kuo Chang (Stanford, USA) and Jacques Periaux (JYU, Finland); presented by C. Lee	Ag Delta
16:30	<i>Lessons Learned from Test Cases Presentations (Part 1)</i> J. Jekkonen, C. Lee, J. Leskinen, J. Periaux (chairman), M. Razzaq, T. Varis	
17:00	End of day 1	

Schedule of the Open Database Workshop

Thursday March 11

Time		Place
9:00	<i>“Visualization and Knowledge Mining in Multidisciplinary Design Space”</i> Plenary Lecture 3 - Shigeru Obayashi, Tohoku University, Sendai, Japan (Chairman Jacques Periaux)	Ag Delta
9:45	Coffee break	Agora, Lea Pulkkinen Hall, 4 th floor
10:15	TA 4: <i>Optimization of Beam Profile in Fluid-structure Interaction</i> Definition of the test case and presentation of computational data Chairman Peter Råback, CSC - IT Center for Science, Finland	Ag Delta
10:45	TA 5: <i>Shock Control Bump Optimization on a Transonic Laminar Flow Airfoil</i> Definition of the test case and presentation of computational data Chairman Ning Qin and Simon McIntosh, University of Sheffield, UK; presented by S. McIntosh	
11:25	TA5: Computational data contribution 1 (C. Lee, CIMNE and J. Periaux, JYU; presented by C. Lee)	
11:50	Lunch	Hotel Alba
13:00	<i>“Challenges for CFD-based Analysis and Design Systems”</i> Plenary Lecture 4 - Charles Hirsch, NUMECA International, Belgium (Chairman Pekka Neittaanmäki)	Ag Delta
13:45	Coffee break	Agora, Lea Pulkkinen Hall, 4 th floor
14:15	Cont. TA 5: <i>Shock Control Bump Optimization on a Transonic Laminar Flow Airfoil</i> TA5: Computational data contribution 2 (presented by H. Wang, JYU)	Ag Delta
14:35	TA 6: <i>3D Shock Control Bump Optimisation</i> Definition of the test case and presentation of computational data Chairmen Ning Qin and Simon C. McIntosh, University of Sheffield, UK; presented by S. McIntosh	
15:05	<i>Lessons Learned from Test Cases Presentations (Part 2)</i> S. McIntosh, J. Periaux (chairman), P. Råback, T. Varis	
16:00	<i>Closing Words</i> End of Open Database Workshop	
19:00 21:30	Dinner	Rantasipi Laajavuori, Laajavuorentie 30