

	SUNDAY, JUNE 4								
18:00 - 20:00	REGISTRATION								
20:00 - 21:00	WELCOME RECEPTION, <i>Tholos Pool Bar, Minoa Palace Hotel</i>								

DAY 1 - MONDAY, JUNE 5									
Time	Imperial - Main	Athina - Athina I	Imperial - Hall I	Imperial - Hall II	Imperial - Hall III	Imperial - Hall IV	Athina - Athina II	Athina - Athina III	Athina - Ariadne
8:00 - 9:00	REGISTRATION								
9:00 - 9:10	OPENING								
9:10 - 10:40	PLENARY LECTURES I Stefanie Reese Peter Wriggers								
10:40 - 11:10	Coffee Break								
TECHNICAL SESSIONS									
11:10 - 13:10	IS06 I Computational Models and Methods for Multiphysics Processes in Multiphase Porous Media - <i>in Honour of the 80th Birthday of Professor Schrefler</i>	IS21 I Recent trends in model order reduction for coupled problems	IS33 I Progress in Computational Multiphysics Using Open-source Software [IS01 I Advanced computational approaches for solving coupled problems in geomechanics	IS23 I Computational modeling for hydrogen technologies	IS10 I Coupled Thermo-mechanical Modeling of Large Deformation Processes	IS20 I Complexity reduction of large-scale parametric problems: domain decomposition, reduced order models and machine learning	IS16 I Nonlinear and deep learning based model reduction for coupled problems	IS07 Coupled problems in building materials: from constitutive laws to multiphysics
13:10 - 14:30	Lunch Break								
TECHNICAL SESSIONS									
14:30 - 16:30	IS06 II Computational Models and Methods for Multiphysics Processes in Multiphase Porous Media - <i>in Honour of the 80th Birthday of Professor Schrefler</i>	IS21 II Recent trends in model order reduction for coupled problems	IS33 II Progress in Computational Multiphysics Using Open-source Software	IS01 II Advanced computational approaches for solving coupled problems in geomechanics	IS23 II Computational modeling for hydrogen technologies	IS10 II Coupled Thermo-mechanical Modeling of Large Deformation Processes	IS20 II Complexity reduction of large-scale parametric problems: domain decomposition, reduced order models and machine learning	IS16 II Nonlinear and deep learning based model reduction for coupled problems	IS09 I Coupled Simulations for Additive Manufacturing
16:30 - 17:00	Coffee Break								
TECHNICAL SESSIONS									
17:00 - 19:00	IS06 III Computational Models and Methods for Multiphysics Processes in Multiphase Porous Media - <i>in Honour of the 80th Birthday of Professor Schrefler</i>	IS21 III Recent trends in model order reduction for coupled problems	IS33 III Progress in Computational Multiphysics Using Open-source Software		IS29 I Coupling image processing and computational modeling for biomedical applications	IS13 I Machine learning and uncertainty quantification for coupled multi-physics, multi-scale and multi-fidelity modelling.		IS27 Computational Mechanics in Clinical Practice	IS09 II Coupled Simulations for Additive Manufacturing

DAY 2 - TUESDAY, JUNE 6

Time	Imperial - Main	Athina - Athina I	Imperial - Hall I	Imperial - Hall II	Imperial - Hall III	Imperial - Hall IV	Athina - Athina II	Athina - Athina III	Athina - Ariadne
TECHNICAL SESSIONS									
8:30 - 10:30	IS34 Coupled Modelling and Computational Challenges in Transport, Energy and Buildings targeting carbon neutrality focusing on decarbonisation, energy efficiency and societal implications	IS11 I Immersed Boundary Methods for Coupled Problems	IS04 I Advances in Multiphysics Modelling and Simulation of Electromagnetic Systems	IS14 I Multi-Physics and Multi-Scale Simulations with the Coupling Library preCICE	IS29 II Coupling image processing and computational modeling for biomedical applications	IS13 II Machine learning and uncertainty quantification for coupled multi-physics, multi-scale and multi-fidelity modelling.	IS36 Simulation Methods for Coupled Problems	IS18 I Particle-based methods in Coupled Problems: advances and applications in DEM, PFEM, SPH, MPM, MPS and others	IS25 I Multiphase flows in microfluidic applications: droplet dynamics, wetting, and transport in complex media
10:30 - 11:00	Coffee Break								
11:00 - 13:15	PLENARY LECTURES II Sergio R. Idelsohn Rainald Lohner Karen Veroy-Grepl								
13:15 - 14:30	Lunch Break								
14:30 - 16:00	PLENARY LECTURES III Ramon Codina Pedro Díez								
16:00 - 16:30	Coffee Break								
TECHNICAL SESSIONS									
16:30 - 18:30	IS31 I Sharing Advances in Modelling Techniques for Fluid-Structure Interaction	IS11 II Immersed Boundary Methods for Coupled Problems	IS04 II Advances in Multiphysics Modelling and Simulation of Electromagnetic Systems	IS14 II Multi-Physics and Multi-Scale Simulations with the Coupling Library preCICE	IS26 Structure-preserving discretization methods for Coupled Problems	IS12 Interdisciplinary Alliance in Biosciences: From physics-based and data-driven multiscale modelling to medical applications	IS15 I Multiscale and coupled problems in bioengineering	IS18 II Particle-based methods in Coupled Problems: advances and applications in DEM, PFEM, SPH, MPM, MPS and others	IS25 II Multiphase flows in microfluidic applications: droplet dynamics, wetting, and transport in complex media
20:00 - 22:30	BANQUET, Sapelli Hall, Agia Marina, Chania								

DAY 3 - WEDNESDAY, JUNE 7

Time	Imperial - Main	Athina - Athina I	Imperial - Hall I	Imperial - Hall II	Imperial - Hall III	Imperial - Hall IV	Athina - Athina II	Athina - Athina III	Athina - Ariadne
TECHNICAL SESSIONS									
9:00 - 11:00	IS31 II Sharing Advances in Modelling Techniques for Fluid-Structure Interaction	IS11 III Immersed Boundary Methods for Coupled Problems	IS04 III Advances in Multiphysics Modelling and Simulation of Electromagnetic Systems	IS14 III Multi-Physics and Multi-Scale Simulations with the Coupling Library preCICE	IS02 I Advanced Mathematical Modeling, Methods and Algorithms for Sustainability	IS22 I Iterative Methods and Preconditioners for Challenging Multiphysics Systems	IS15 II Multiscale and coupled problems in bioengineering ----- IS28 Coupled Groundwater-Surface Water Modelling	IS32 I Flow-Structure Interaction in Bio-Inspired Locomotion/Transport Problems: Methods and Applications	IS03 I Advances in analysis, algorithms, and software for the coupling of conventional and data-driven models for heterogeneous multi-scale, multi-physics simulations
11:00 - 11:30	Coffee Break								
11:30 - 13:00	PLENARY LECTURES IV K. C. Park Antonio de Simone								
13:00 - 14:00	Lunch Break								
TECHNICAL SESSIONS									
14:00 - 16:00	IS31 III Sharing Advances in Modelling Techniques for Fluid-Structure Interaction	IS11 IV Immersed Boundary Methods for Coupled Problems		IS19 Quasi-Newton techniques for partitioned simulation of coupled problems	IS02 II Advanced Mathematical Modeling, Methods and Algorithms for Sustainability	IS22 II Iterative Methods and Preconditioners for Challenging Multiphysics Systems	IS35 Coupled Problems with Geometric Reduction Methods	IS32 II Flow-Structure Interaction in Bio-Inspired Locomotion/Transport Problems: Methods and Applications	IS03 II Advances in analysis, algorithms, and software for the coupling of conventional and data-driven models for heterogeneous multi-scale, multi-physics simulations