Session Index	Monday, June 14th		Tuesday, June 15th			Wednesday, June 16th		Thursday, June 17th		
Room	1	2	3	4	5	6	7	8	9	10
A1	1.1 Numerical Methods for High Speed Flows I	1.2 Numerical Methods for High Speed Flows II	1.3 MS03 Towards Industrial Application of Higher Order Methods: Part I	1.4 MS03 Towards Industrial Application of Higher Order Methods: Part II	1.5 MS03 Towards Industrial Application of Higher Order Methods: Part III	1.6 STS I: Innovative Digital Optimization and Control Technologies for Greener Multi-physics Aeronautics and Aero- engine Design	1.7 STS II: Multiphysics – Multicomponents Simulations and Optimization Techniques for Propulsion Applications	1.8 MS02 Algorithms for Multi-Scale Low Mach Number Flows	1.9 MS11 GPU Computing in CFD: Part I	1.10 MS11 GPU Computing in CFD: Part II
A2	2.1 Computational Electromagnetics I	2.2 Computational Electromagnetics II	2.3 Shape Optimization	2.4 Optimization and Control I	2.5 Optimization and Control II	2.6 Adaptive Grids I	2.7 MS29 Transition and Laminar Flow Control	2.8 Numerical Methods IV	2.9 Numerical Methods V	2.10 Numerical Methods VI
A3	3.1 MS12 Numerical Modelling of Waves Interacting with Coastal Structures	3.2 MS23 Modelling of Contact Line Dynamics	3.3 Flows with Heat Transfer I	3.4 Flows with Heat Transfer II	3.5 Flows with Heat Transfer III	3.6 Fluid-Structure Interaction	3.7 MS27 Monolithic Models and Solvers for Fluid-Structure Interaction Problems	3.8 MS20 Stratified Flows Modelling for Environmental Problems	3.9 CFD for Marine Applications I	3.10 CFD for Marine Applications II
A4	4.1 MS18 Reliable Numerical Methods for Atmosphere and Ocean Models: Part I	4.2 MS18 Reliable Numerical Methods for Atmosphere and Ocean Models: Part II	4.3 MS22 Regularization Models of Incompressible Flows	4.4 MS32 New Trends on Diffusion Phenomena	4.5 Computational Problems in Microfluidics	4.6 MS24 Computational Atmosphere and Ocean Dynamics	4.7 MS07 Computational Wind- Farm-Wake Aerodynamics	4.8 MS25 Recent Development in Turbomachinery CFD for Industrial Applications: TRACE	4.9 Turbomachines I	4.10 Turbomachines II
B5	5.1 Gas-Liquid Interfaces	5.2 Multiphase Flows I	5.3 Multiphase Flows II	5.4 Gas Particle Flows I	5.5 Gas Particles Flows II	5.6 Moving Boundary Problems I	5.7 Moving Boundary Problems II	5.8 Adaptive Grids II	5.9 MS28 Aerodynamic Analysis of Flapping Wings: Part I	5.10 MS28 Aerodynamic Analysis of Flapping Wings: Part II
B6	6.1 MS17 Combustion	6.2 Combustion and Reactive Flows I	6.3 Combustion and Reactive Flows II	6.4 MS13 Non- Deterministic Simulation in CFD: Part I	6.5 MS13 Non- Deterministic Simulation in CFD: Part II	6.6 MS01 Adjoint Methods in Industrial CFD Optimisation: Part I	6.7 MS01 Adjoint Methods in Industrial CFD Optimisation: Part II	6.8 Flow in Porous Media	6.9 Vehicles and Traffic I	6.10 Vehicles and Traffic II
Α7	7.1 MS06 Model Order Reduction in Complex Systems in CFD: Part I	7.2 MS06 Model Order Reduction in Complex Systems in CFD: Part II	7.3 Numerical Methods I	7.4 Numerical Methods II	7.5 Numerical Methods III	7.6 Hybrid RANS/LES I	7.7 MS15 Verification and Validation	7.8 Immersed Boundary Methods	7.9 MS05 Inverse Techniques in CFD: Part I	7.10 MS05 Inverse Techniques in CFD: Part II
C8	8.1 Computational Acoustics I	8.2 Computational Acoustics II	8.3 MS36 Implicit Solution Methods for MHD Systems	8.4 Shallow Water Flows	8.5 Free Surface Flows	8.6 MS04 Computational Fluid Dynamics with OpenFOAM: Part I	8.7 MS04 Computational Fluid Dynamics with OpenFOAM: Part II	8.8 Parallel Computing	8.9 MS19 Shallow Water Models for Environmental Flows: Part I	8.10 MS19 Shallow Water Models for Environmental Flows: Part II
D9	9.1 MS35 Discontinuous Galerkin Methods: Part I	9.2 MS35 Discontinuous Galerkin Methods: Part II	9.3 MS09 Current Trends in Modelling and Simulation of Turbulent Flows: Part I	9.4 MS09 Current Trends in Modelling and Simulation of Turbulent Flows: Part II	9.5 MS09 Current Trends in Modelling and Simulation of Turbulent Flows: Part III	9.6 DNS/LES I	9.7 DNS/LES II	9.8 DNS/LES III	9.9 DNS/LES IV	9.10 Hybrid RANS/LES II
E10	10.1 Physiological Flows I	10.2 MS14 Bioflows in the Airways	10.3 MS33 Computational Methods Applied to Aneurysms and their Treatment: Part I	10.4 MS33 Computational Methods Applied to Aneurysms and their Treatment: Part II	10.5 MS31 Numerical Methods for Viscoelastic Fluids	10.6 Physiological Flows II	10.7 Physiological Flows III	10.8 MS16 Lattice Boltzmann, Particle Methods and Experiments of Complex Physiological Flows: Part I	10.9 MS16 Lattice Boltzmann, Particle Methods and Experiments of Complex Physiological Flows: Part II	10.10 MS16 Lattice Boltzmann, Particle Methods and Experiments of Complex Physiological Flows: Part III
F11	11.1 MS30 Modern Programming Techniques for Numerical Analysis Software	11.2 MS10 Image Processing and Visualization	11.3 MS34 Mathematical and Numerical Aspects of the Motion of Viscous Fluids	11.4 RANS Models for Turbulent Flows I	11.5 RANS Models for Turbulent Flows II	11.6 Non-Newtonian Flows	11.7 MS26 Iterative Methods for Incompressible Flows	11.8 MS08 CFD in Fire and Fire Safety Research	11.9 MS21 Ventilation and Smoke Control in Underground Space	11.10 MS21 Ventilation and Smoke Control in Underground Space