

PROGRAM OF THE SILVER SHARK WORKSHOP - 21st-25th May 2018 - Minho, Portugal

Day	Time	Speaker	Institution	Title
Monday	8.45 - 9.00	Organisation		OPENING OF THE WORKSHOP
Monday	9.00 - 9.50	Bruno DESPRES	Université de Paris 6, France	« NEW APPROACHES FOR POSITIVE HIGH ORDER APPROXIMATION »
Monday	9.50 - 10.40	Maria KAZAKOVA	Université de Toulouse, France	« MODELLING SHOALING AND BREAKING WAVES ON A MILD SLOPING BEACH »
Monday	10.40 - 11.00		COFFEE BREAK	COFFEE BREAK
Monday	11.00 - 11.50	Xi DENG	Tokyo Institute of Technology, Japan	« LIMITING-FREE DISCONTINUITY-CAPTURING SCHEMES FOR COMPRESSIBLE MULTI-COMPONENTS FLOW »
Monday	11.50 - 12.40	Serguey GAVRILUK	Université de Marseille, France	« TWO-PHASE FLOW MODELLING BASED ON HAMILTON'S PRINCIPLE »
Tuesday	9.00 - 9.50	Emanuela ABBATE	Universita dell'Insubria, Como Italy, Univ. Bordeaux, France	« AN ALL-SPEED RELAXATION SCHEME FOR THE SIMULATION OF MULTI-MATERIAL FLOWS »
Tuesday	9.50 - 10.40	David KOPRIVA	Florida State University, FL, U.S.A.	« STABLE IMPLEMENTATION OF BOUNDARY CONDITIONS FOR DGSEM APPROXIMATION OF THE COMPRESSIBLE EULER AND NAVIER-STOKES EQUATION »
Tuesday	10.40 - 11.00		COFFEE BREAK	COFFEE BREAK
Tuesday	11.00 - 11.50	Camilia FIORINI	University of Versailles Saint Quentin, France	« SENSITIVITY ANALYSIS FOR HYPERBOLIC PDES SYSTEMS WITH DISCONTINUOUS SOLUTION »
Tuesday	11.50 - 12.40	Andrew WINTERS	University of Cologne, Germany	« ENTROPY STABLE NODAL DISCONTINUOUS GALERKIN SPECTRAL ELEMENT METHOD FOR THE RESISTIVE MHD EQUATIONS »
Wednesday	9.00 - 9.50	Benoit FABREGES	University of Lyon, France	« AGREGATION EQUATIONS »
Wednesday	9.50 - 10.40	Gautier DAKIN	CEA and University of Paris VI, France	« HIGH-ORDER FLUID-STRUCTURE COUPLING WITH CONSERVATIVE LAGRANGE-REMAP FINITE VOLUME SCHEMES ON CARTESIAN GRIDS »
Wednesday	10.40 - 11.00		COFFEE BREAK	COFFEE BREAK
Wednesday	11.00 - 11.50	Gaspar MACHADO	Universidade do Minho, Portugal	« VERY HIGH-ORDER FV SCHEME FOR THE CONVECTION-DIFFUSION EQUATION WITH GENERAL BOUNDARY CONDITIONS ON CURVED BOUNDARIES »
Wednesday	11.50 - 12.40	Wasilij BARSUKOW	University of Würzburg, Germany	« STATIONARITY PRESERVING SCHEMES FOR THE LINEARIZED EULER EQUATIONS IN MULTIPLE SPATIAL DIMENSIONS »
Thursday	9.00 - 9.50	Cipriano ESCALENTE	Universidad de Málaga, Spain	« AN EFFICIENT HYPERBOLIC APPROACH FOR DISPERSIVE WATER WAVES »
Thursday	9.50 - 10.40	Firas DAHOUDI	Université de Toulouse, France	« EXTENDED LAGRANGIAN APPROACH FOR THE DEFOCUSING NON-LINEAR SCHRÖDINGER EQUATION »
Thursday	10.40 - 11.00		COFFEE BREAK	COFFEE BREAK
Thursday	11.00 - 11.50	Rodolphe TURPAULT	Université de Bordeaux, France	« A DOMAIN DECOMPOSITION STRATEGY FOR A VERY HIGH-ORDER FINITE VOLUMES SCHEME APPLIED TO CARDIAC ELECTROPHYSIOLOGY »
Thursday	11.50 - 12.40	François VILAR	Université de Montpellier, France	« SUBCELL A POSTERIORI LIMITATION OF HIGH-ORDER DG SCHEME THROUGH FLUX RECONSTRUCTION »
Friday	9.00 - 9.50	Xésus NOGUEIRA	Universidade da Coruña, Spain	« A HIGH-ORDER FINITE VOLUME SCHEME WITH ADAPTIVE NUMERICAL DISSIPATION FOR COMPRESSIBLE TURBULENT FLOWS »
Friday	9.50 - 10.40	Maurizio TAVELLI	University of Trento, Italy	« HIGH ORDER NUMERICAL SCHEMES FOR LINEAR ELASTICITY »
Friday	10.40 - 11.00		COFFEE BREAK	COFFEE BREAK
Friday	11.00 - 11.50	Pavel VACHAL	Czech Technical University, Prague, Czech Republic	« CONSISTENT INTERPOLATION OF THE EQUATION OF STATE IN HYDRODYNAMIC SIMULATIONS »
Friday	11.50 - 12.40	Elena VAZQUEZ-CENDON	Universidade de Santiago de Compostela, Spain	« TIME AND SPACE DEPENDANT ADVECTION COEFFICIENTS: A NEW UP-WIND TERM »
Friday	12.40 - 13.00	Organisation		CLOSING OF THE WORKSHOP