

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

Day	Time	Speaker	Institution	Title
Monday	8.45 - 9.00	<b>Organisation</b>		OPENING OF THE WORKSHOP
Monday	9.00 - 9.50	<b>Bruno DESPRES</b>	Université de Paris 6, France	« NEW APPROACHES FOR POSITIVE HIGH ORDER APPROXIMATION »
Monday	9.50 - 10.40	<b>Maria KAZAKOVA</b>	Université de Toulouse, France	« MODELLING SHOALING AND BREAKING WAVES ON A MILD SLOPING BEACH »
Monday	10.40 - 11.00		<b>COFFEE BREAK</b>	<b>COFFEE BREAK</b>
Monday	11.00 - 11.50	<b>Xi DENG</b>	Tokyo Institute of Technology, Japan	« LIMITING-FREE DISCONTINUITY-CAPTURING SCHEMES FOR COMPRESSIBLE MULTI-COMPONENTS FLOW »
Monday	11.50 - 12.40	<b>Serguey GAVRILUK</b>	Université de Marseille, France	« TWO-PHASE FLOW MODELLING BASED ON HAMILTON'S PRINCIPLE »
Tuesday	9.00 - 9.50	<b>Emanuela ABBATE</b>	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	<b>David KOPRIVA</b>	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		<b>COFFEE BREAK</b>	<b>COFFEE BREAK</b>
Tuesday	11.00 - 11.50	<b>Camilia FIORINI</b>	University of Versailles Saint Quentin, France	« SENSITIVITY ANALYSIS FOR HYPERBOLIC PDES SYSTEMS WITH DISCONTINUOUS SOLUTION »
Tuesday	11.50 - 12.40	<b>Andrew WINTERS</b>	University of Cologne, Germany	« ENTROPY STABLE NODAL DISCONTINUOUS GALERKIN SPECTRAL ELEMENT METHOD FOR THE RESISTIVE MHD EQUATIONS »
Wednesday	9.00 - 9.50	<b>Benoit FABREGES</b>	University of Lyon, France	« AGREGATION EQUATIONS »
Wednesday	9.50 - 10.40	<b>Gautier DAKIN</b>	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		<b>COFFEE BREAK</b>	<b>COFFEE BREAK</b>
Wednesday	11.00 - 11.50	<b>Gaspar MACHADO</b>	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	<b>Wasilij BARSUKOW</b>	University of Würzburg, Germany	« STATIONARITY PRESERVING SCHEMES FOR THE LINEARIZED EULER EQUATIONS IN MULTIPLE SPATIAL DIMENSIONS »
Thursday	9.00 - 9.50	<b>Cipriano ESCALENTE</b>	Universidad de Málaga, Spain	« AN EFFICIENT HYPERBOLIC APPROACH FOR DISPERSIVE WATER WAVES »
Thursday	9.50 - 10.40	<b>Firas DHAOUADI</b>	Université de Toulouse, France	« EXTENDED LAGRANGIAN APPROACH FOR THE DEFOCUSING NON-LINEAR SCHRÖDINGER EQUATION »
Thursday	10.40 - 11.00		<b>COFFEE BREAK</b>	<b>COFFEE BREAK</b>
Thursday	11.00 - 11.50	<b>Rodolphe TURPAULT</b>	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	<b>François VILAR</b>	Université de Montpellier, France	« SUBCELL A POSTERIORI LIMITATION OF HIGH-ORDER DG SCHEME THROUGH FLUX RECONSTRUCTION »
Friday	9.00 - 9.50	<b>Xésus NOGUEIRA</b>	Universidade da Coruña, Spain	« A HIGH-ORDER FINITE VOLUME SCHEME WITH ADAPTIVE NUMERICAL DISSIPATION FOR COMPRESSIBLE TURBULENT FLOWS »
Friday	9.50 - 10.40	<b>Maurizio TAVELLI</b>	University of Trento, Italy	« HIGH ORDER NUMERICAL SCHEMES FOR LINEAR ELASTICITY »
Friday	10.40 - 11.00		<b>COFFEE BREAK</b>	<b>COFFEE BREAK</b>
Friday	11.00 - 11.50	<b>Pavel VACHAL</b>	Czech Technical University, Prague, Czech Republic	« CONSISTENT INTERPOLATION OF THE EQUATION OF STATE IN HYDRODYNAMIC SIMULATIONS »
Friday	11.50 - 12.40	<b>Elena VAZQUEZ-CENDON</b>	Universidade de Santiago de Compostela, Spain	« TIME AND SPACE DEPENDANT ADVECTION COEFFICIENTS: A NEW UP-WIND TERM »
Friday	12.40 - 13.00	<b>Organisation</b>		CLOSING OF THE WORKSHOP