

Monday

10:30 – 12:00	Welcome
12:00 – 14:00	Lunch
14:00 – 15:30	Youcef Mammeri , University of Picardie Multiscale modeling of Lithium batteries
15:30 – 16:00	Break
16:00 – 17:30	Jean-Paul Chehab , University of Picardie Continuum Modeling: Numerical schemes for linear & nonlinear reaction/diffusion systems, Phase fields Models. Application to Batteries and image processing

Tuesday

9:00 – 10:30	Nabil Bedjaoui , University of Picardie Some examples of hyperbolic conservation laws
10:30 – 11:00	Break
11:00 – 12:30	Joaquim Correia , University of Évora Some examples of hyperbolic conservation laws
12:30 – 14:00	Lunch
14:00 – 15:30	Excursion

Wednesday

9:00 – 10:00	<p>Opening session</p> <p>Andre Sonnet, University of Strathclyde Charting Ordered Surfaces: Flattening Nematic Shells</p> <p>Chairman : F. da Costa</p>
10:00 – 10:30	Break
10:30 – 12:00	<p>Michael Grinfeld, University of Strathclyde Minimality conditions for the travelling wave speed for an anisotropic smectic C^* liquid crystal</p> <p>Fernando P. da Costa, Universidade Aberta Sub-monolayer deposition models: similarity profiles and convergence rates</p>
12:00 – 14:00	Lunch
14:00 – 15:30	<p>Michael Grinfeld, University of Strathclyde Submonolayer deposition models with limited fragmentation</p> <p>Lyndsay Kerr, University of Strathclyde The Discrete Coagulation-Fragmentation System</p>
15:30 – 16:00	Break
16:00 – 17:30	<p>Clara Kosseifi, University of Picardie A Stabilized bi-grid method for Allen Cahn equation in Finite Elements</p> <p>Jean-Paul Chehab, University of Picardie Boundary control of the number of interfaces for the one-dimensional Allen-Cahn equation</p>

Thursday

9:00 – 10:00	<p>Wolfgang Bock, University of Kaiserslautern Interacting Particle systems and applications to biological models</p> <p>Chairman : J. da Silva</p>
10:00 – 10:30	Break
10:30 – 12:00	<p>Anne-Sophie Giacobbi, University of Picardie Modeling the ERK pathway in hepatocellular carcinoma cells exposed to sorafenib</p> <p>Youcef Mammeri, University of Picardie A surface model of nonlinear, non-steady-state phloem transport</p>
12:00 – 14:00	Lunch
14:00 – 15:30	<p>Carlos Braumann, University of Évora Fishing in randomly varying environments: general sustainable fishing policies and profit optimization</p> <p>Nuno Brites, University of Évora Fishing in randomly varying environments: profit comparison between constant and variable effort harvesting policies</p>
15:30 – 16:00	Break
16:00 – 17:30	<p>José L. da Silva, University of Madeira Form Factors for Generalized Grey Brownian Motion</p> <p>Rafael Luís, University of Madeira Local Stability in 3D Discrete Dynamical Systems: Application to population models</p>

Friday

9:00 – 10:30	<p>Nabil Bedjaoui, University of Picardie Non-classical shocks generated by travelling waves</p> <p>Joaquim Correia, University of Évora Dissipative KdV type equations</p>
10:30 – 11:00	Break
11:00 – 12:00	<p>Evgeny Panov, Novgorod State University On almost periodic viscosity solutions to Hamilton-Jacobi equations</p> <p>Chairman : J. Correia</p>
12:00 – 14:00	Lunch