

TIME	TYPE	EVENT
08:45 - 09:00	Logistics	Welcome and Registration
09:00 - 10:20	Session	Milli- and micro-heat exchanger/reactors - 4 communications (presentation of 15 min + questions 5 min) <ul style="list-style-type: none"> <li>› Process intensification in compact catalyst-coated heat exchanger reactors: thermal and reactive fin efficiencies based on coupling between reaction, heat and mass transfer - <i>Jean-Patrick Barbé, Reactions and Chemical Engineering Laboratory, LRGPN/ENSIC/CNRS, Nancy, France</i></li> </ul>
09:00 - 09:20		
09:20 - 09:40		› Synthesis of Ti-based nanoparticles in continuous-flow microreactors - <i>Ahmed OULD EL MOCTAR, Laboratoire de Thermocinétique, Ecole Polytechnique Univ.Nantes, France (LTN)</i>
09:40 - 10:00		› Convective properties of advective and diffusive material systems: application to heat exchanger characterization - <i>Waseem AL hadad, Laboratoire d'Energétique et de Mécanique Théorique et Appliquée, LEMTA</i>
10:00 - 10:20		› Experimental characterization of pressure drop and axial dispersion in intensified heat exchangers reactors for reaction modelling - <i>Nathalie Di Miceli Raimondi, Laboratoire de Génie Chimique (Toulouse)</i>
10:25 - 10:55	Break	Coffee break
10:55 - 11:55	Session	Milli- and micro-heat exchanger/reactors - 3 communications (presentation of 15 min + questions 5 min) <ul style="list-style-type: none"> <li>› A numerical method for axial dispersion characterization in millireactors: application to wavy millimetric channels - <i>Nathalie Di Miceli Raimondi, Laboratoire de Génie Chimique (Toulouse)</i></li> </ul>
10:55 - 11:15		
11:15 - 11:35		› Multiphase liquid/liquid reaction in a heat exchanger/reactor - <i>Zoé Minvielle-Anxionnaz, Commissariat à l'Energie Atomique et aux Energies Alternatives</i>
11:35 - 11:55		› Investigations in actuator solutions for active cooling in embedded systems - <i>Julien Michel fontaine, Laboratoire Plasma et Conversion d'Energie [Toulouse]</i>
11:55 - 12:15	Session	Interface phenomena - 1 communication (presentation of 15 min + questions 5 min) <ul style="list-style-type: none"> <li>› Equilibrium and thermodynamic parameters of Cresyl Violet dye sorption on bentonite - <i>Zvezdelina Yaneva, Trakia University, Faculty of Veterinary Medicine, Chemistry Unit</i></li> </ul>
11:55 - 12:15		
12:15 - 13:30	Break	Lunch

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13:30 - 13:50	Session	Interface phenomena - 1 communication (presentation of 15 min + questions 5 min) <ul style="list-style-type: none"> <li>› Thermodynamic sorption/desorption and kinetics study of Vitamin E incorporation into zeolite - <i>Nedyalka Georgieva, Trakia University, Faculty of Veterinary Medicine, Chemistry Unit</i></li> </ul>
13:50 - 15:10	Session	Fluid mechanics - 4 communications (presentation of 15 min + questions 5 min) <ul style="list-style-type: none"> <li>› Analysis of the flow and heat transfer characteristics in an innovative inertial heat exchanger: application to thermal energy storage - <i>Jules Voguelin Simo Tala, Ecole des mines de Douai, Hautes Etudes d'Ingénieur</i></li> <li>› LES of heat transfer in pipe flow of power-law fluids - <i>Meryem Ould-Rouis, Université Paris-Est /Marne-la-Vallée</i></li> <li>› Heat transfer study of pulsating flow in a twisted duct - <i>zahra habibi, Isfahan University of Technology - mojtaba jarrahi, Université Paris Sud</i></li> <li>› Thermoelectric generators for automotive thermal energy recovery on radiator - <i>Issiaka Traoré, Components Advanced Engineering</i></li> </ul>
15:10 - 15:30	Break	Coffee break
15:30 - 16:10	Session	Fluid mechanics - 2 communications (presentation of 15 min + questions 5 min) <ul style="list-style-type: none"> <li>› Residence Time Distribution on the flow characterisation of multi-fluidic systems, Part I: modelling - <i>Xiaofeng GUO, ESIEE Paris - Université Paris Est</i></li> <li>› Residence Time Distribution on the flow characterisation of multi-fluidic systems, Part II: experimentation - <i>Xiaofeng GUO, ESIEE Paris - Université Paris Est</i></li> </ul>
16:10 - 16:20	Speech	Conclusion - Hassan PEERHOSSAINI - Serge RUSSEIL - Thierry LEMENAND