

**Monday, November 25, 2024**

- 08:30-10:00** Welcome
- 10:00-11:00** Olga Russina (University of Rome Sapienza)  
*"Structural solvation features in novel solvent media"*
- 11:00-11:30** Coffee break
- 11:30-12:00** Mohammad Nadim Kamar (University of Rennes)  
*"Deep eutectic solvents: properties induced by nanometric confinement"*
- 12:00-12:30** Stella Christodoulou (University of Toulouse)  
*"Efficient machine learning-based new tools to design eutectic mixtures and predict their viscosity"*
- 12:30-14:00** Lunch
- 14:00-15:00** Judith Peters (Université Grenoble Alpes)  
*"The many ways of biosystems for coping with extreme conditions"*
- 15:00-15:30** Jean-Baptiste Chagnoleau (Université Côte d'Azur)  
*"Extraction of natural compounds using sustainable solvents"*
- 15:30-16:00** Mélissa Justin (L'Institut Agro Dijon)  
*"Impact of scCO<sub>2</sub> on C-phycoyanin stability in presence of polyethylene glycol"*
- 16:00-16:30** Coffee break
- 16:30-17:00** Nacer Idrissi (University of Lille)  
*"Local structure of supercritical fluids near the Widom line"*
- 17:00-17:30** Antoine Carof (Université de Lorraine)  
*"Fast calculation of solvation structure and thermodynamics in supercritical CO<sub>2</sub>"*
- 17:30-18:00** Artem Shagurin (University of Lille)  
*"Molecular dynamics analysis of interfacial properties of curcumin and supercritical fluids"*
- 18:00-18:30** Rodolphe Pollet (Université Paris-Saclay)  
*"Chemistry in aqueous solutions as described by ab initio molecular dynamics: case of a green catalyst under "in-water" and "on-water" conditions"*
- 18:30-19:15** Posters
- 19:15-21:30** Dinner

**Tuesday, November 26, 2024**

- 08:30-09:00** Welcome
- 09:00-10:00** Ellen Backus (University of Vienna)  
*"Structure and dynamics of water at photocatalytic interfaces"*
- 10:00-10:30** Mohammed Bin Jassar (ENS, PSL & Sorbonne Universities)  
*"On the chemistry at oxide/water interfaces: the role of interfacial water"*
- 10:30-11:00** Stephan Steinmann (ENS de Lyon)  
*"Investigating organic molecules at the water-platinum interface: from single-crystal surfaces to nanoparticles via density functional tight binding"*
- 11:00-11:30** Coffee break
- 11:30-12:00** Pierre Illien (Sorbonne University)  
*"Stochastic density functional theory for ions in a polar solvent"*
- 12:00-12:30** Florent Calvo (Université Grenoble Alpes)  
*"Concurrent processes in the time-resolved solvation of alkali ions in helium nanodroplets"*
- 12:30-14:00** Lunch
- 14:00-15:00** Alexander Lyubartsev (Stockholm University)  
*"Multiscale modelling of biomolecules at inorganic surfaces"*
- 15:00-15:30** Emeline Boyer (Université Paris-Saclay)  
*"Structure of flexible chiral molecules and unconventional solvents by vibrational circular dichroism spectroscopy"*
- 15:30-16:00** Jean-Thomas Pouzens (University of Burgundy)  
*"SNAr reactivity of thiophene derivatives investigated using conceptual DFT"*
- 16:00-16:15** Meeting closing