

HiFunMat Conference

3rd HiFunMat scientific day

Program

📅 18 April 2024, 09h30 à 18h

& Posters



09h30	Welcome & Opening
09h45	Sustainability for the building envelope Keynote speaker Antoine Duval Responsible R&D Chimie Verte SOPREMA
10h30	New electrode materials based on alloxazine derivatives Sylvie Ferlay UMR 7140 - CMC
11h00	Coffee break ☕ ☕ ☕
11h30	Expertises of RePSeM team from IPHC and connexions with the ITI HiFunMat Maud Villain-Gambier UMR 7178 - IPHC
12h00	Development and characterization of nano-fibrous membranes for the treatment of congenital diaphragmatic hernia Rodolphe Migneret UMR 7515 - ICPEES
12h15	Bio-based Polythioesters with Unprecedented Tunable Luminescence Properties Adam Woodhouse UMR 7361 - IS2M
12h30	Lunch break ☪ ☪ ☪ Poster session 🗨️
14h00	Chemical speciation of radionuclides at (ultra)trace concentrations in different media Lu Liu UMR 7178 - IPHC
14h15	Titre Pascal Hébraud UMR 7504 - IPCMS
14h30	Materials for optics and optical methods for materials characterization Jihad Zallat UMR 7357 - ICUBE
14h45	New IPCMS members : Elaboration and applications of hybrid alloys scaffolds, nanostructured magnetic nanomaterials and functional mesoporous silica Damien Mertz UMR 7504 - IPCMS
15h15	Chemo-thermo-hydro-mechanical coupling in stabilised or unstabilised rammed earth materials Hossein Nowamooz UMR 7357 - ICube
15h45	Chiral supramolecular assembly based on Cu II / Cu I redox change Caitlyn Dussart UMR 7504 - IPCMS
16h00	Gold in Plastic: Polymer Nanoparticles loaded with Au Nanoclusters for SWIR Imaging Andreas Reish INSERM-S 1121
16h15	Materials based on peptide self-assemblies Jennifer Rodon-Fores UPR 22 - ICS
16h30	Cocktail 🍷 🍷 🍷 Poster session 🗨️
18h00	End

Methanesulfonic anhydride-promoted straightforward synthesis of aliphatic poly(disulfide)sYasmine Ould Aklouche Yasmine | [IS2M](#)

Hybrid Chiral Plasmonic Assemblies for BiosensingSevil Veysalova | [ICS](#)

Investigation of the competition effects in M(II) adsorption on functionalised mesoporous silica by Isothermal Titration Calorimetry (ITC)Jeremy Brandel | [IPHC](#)

Insertion of metal ions into zeolites: designing new materials for oxidation catalysisThéo Legret | [IS2M](#)

Temporal Control Over Coacervation Using Ammonium CarbonateLunan Yan | [CMC](#)

High solid content green electrospinning of waterborne polyurethane suspensions: the role of rheology and physical-chemical interactions of the processed formulation on the fibre morphologyBryan Gross | [ICPEES](#)

White light interferometry applied to local spectroscopy of oriented assemblies of silver nanowires.Farid Mahfoud | [ICube & ICS](#)

Development of bio-sourced adhesives from complex coacervates based on lignin nanoparticlesIliass Kadmiri | [IPHC & ICS](#)

Optimization of properties and performance of Nitrogen-enriched porous Carbon for Sodium-ion capacitorsAdemola Adeniji | [IS2M](#)

Functionalization by plasma polymerization of carbon materials with hierarchical porosityFatima Ben Youssef | [IS2M](#)

Synergistic enhancement of pollutant removal from water by using BiOCl/ BiOBr heterojunction on clay surface and sunlight irradiationAmane Jada | [IS2M](#)

Managing residual ions in photovoltaic spatial light modulatorsThomas Ducatel | [ICube](#)

Synthesis of amide decorated, high-sulfur content, vitrimer-like copolymersSandric Afonso | [IS2M](#)

Catalyst-free synthesis of vitrimers decorated with dynamic thioacetal linkagesYagmur Deniz Karatas | [IS2M](#)

Emulsification of complex coacervates in an electric fieldSamokhvalova Svetlana | [CMC](#)

Synthesis and Characterization of Polymers Decorated with Functional Disilane UnitsBercis Pektas | [IS2M](#)

Responsive Coacervates as a Tool for Controlling Self-AssemblyShana Shirin Valapra | [CMC](#)

Synthesis and study at the micro/nano scale of Poly(Diiododiacetylenes): on the road to carbyne?Vincent Malesys | [IS2M](#)

Single-phase coacervate by controlling the complexation behavior of model polyelectrolytesJialin She | [ICS](#)

Novel polystyrene derivatives decorated with dioxasilepanyl group: Synthesis and post-polymerization modificationMarie Metzger | [IS2M](#)

Towards safe silicone implants engineeringEve Randrianaridera | [IS2M](#)

Formation of controllable diffusion barrier layer on the surface of polydimethylsiloxane films by infrared laser irradiationQuoc Hung Tran | [IS2M](#)

Impact of Deep Eutectic Solvents on MOF Synthesis and PropertiesMichael Teixeira | [CMC](#)