

Agenda Young Scientist Day: December 4, 2018

8:15 – 8:30	Registrations @ Entrance Hall Starcky building
8:30 – 8:45	Opening Ceremony @ Starcky amphitheater
8:45 – 9:30	Presentation of new students/Postdoctoral researchers/Engineers
9:30 – 10:30	Keynote presentation @ Starcky amphitheater Engineered minerals in the industry: from the physico-chemical properties to the final applications Alexandra Jakob, Imerys Talc Europe
10:30 – 11:00	Networking and Refreshment break @ Entrance hall
11:00 – 12:30	Oral presentations @ Starcky amphitheater
11:00 – 11:15	Nanocomposite plasma polymers: from synthesis to smart surface properties S�everine Wolak, 3 rd year PhD student
11:15 – 11:30	Photopolymerization at the nanoscale triggered by optical near-field Farid Kameche, Postdoctoral researcher
11:30 – 11:45	Microwave-Assisted Combustion Synthesis of Al₂O₃-Based Catalysts for the Total Oxidation of Carbon Monoxide Kawthar Frikha, 2 nd year PhD student
11:45 – 11:50	Stability of food additives in beverages Violaine G�erard, Postdoctoral researcher
11:50 – 11:55	Synthesis and energetic performances of hierarchical nanoboxes of silicalite-1 Joffrey Huve, Postdoctoral researcher
11:55 – 12:00	Influence of several parameters on the crystallinity on organic-inorganic hybrids with talc-like structure Marion Bruneau, 2 nd year PhD student
12:00 – 12:05	Synthesis of N-Heterocyclic Carbene (NHC) Photogenerator and Application in Photoactivated Ring-Opening Metathesis Polymerization Thi Kim Hoang Trinh, 2 nd year PhD student
12:05 – 12:10	Novel 2D crystal: Germanene Natalia Massara, 3 rd year PhD student
12:10 – 12:15	Development of High-Performance Photoinitiating Systems for Near UV and Visible light for the Photopolymerization of Monomers Issued by Oil Industry Mira Adballah, 1 st year PhD student
12:15 – 12:20	Study of interactions between proteins and surfaces. Influence of hydrodynamic and physical operating conditions Melania S. Miron, 3 rd year PhD student

12:20 – 12:25 **Synthesis and Characterization of Porous Silica for a Functionalization by Plasma Polymerization**
Nghia Huu Le, 2nd year PhD student

12:25 – 12:30 **Influence of crystal downsizing of MOR-type zeolite on its catalytic performances**
Zeinab Mcheik, 2nd year PhD student

12:30 – 14:00 **Poster session and lunch @ IS2M Atrium**

14:00 – 15:00 **Keynote presentation @ Starcky amphitheater**

Liquid-crystal organization of clay nanoparticles in suspension
Erwan Paineau, Laboratoire de Physique des Solides, Univ. Paris Sud

15:00 – 16:00 **Oral presentations @ Starcky amphitheater**

15 : 00 – 15:15 **Development of hard carbon materials for sodium ion batteries (SIBs)**
Adrian Beda, 3rd year PhD student

15:15 – 15:30 **In quest for a better carbon match for Na-ion battery**
Joanna Conder, Postdoctoral researcher

15:30 – 15:35 **On the formation of organic-inorganic lamellar hybrids by sol-gel process**
Dylan Chaillot, 2nd year PhD student

15:35 – 15:40 **Design and synthesis of nanostructured materials: Application to the treatment of emerging pollutants by photodegradation**
Mariem Ghali, 2nd year PhD student

15:40 – 15:45 **Influence of oxic conditions and OH/Fe ratio on the hydrothermal synthesis of iron-rich clay minerals**
Hella Boumaiza, Postdoctoral researcher

15:45 – 15:50 **Development of superhydrophobic/oleophobic, permanent, eco-friendly treatment for textile**
Syrine Jebali, 1st year PhD student

15:50 – 15:55 **Photo-induced silver nanostructures with tuned optical properties**
Mariam Mezghani, Engineer

16:00 – 16:30 **Networking and Refreshment break @ Entrance hall**

16:30 – 17:30 **Keynote presentation @ Starcky amphitheater**

How to deal with unexpected experimental results in applied material sciences for radioactive waste repository
Nicolas Michau, Agence Nationale pour la Gestion des Déchets Radioactifs (ANDRA)

17:30 – 18:00 **Prize-giving and closing ceremony @ Starcky amphitheater**