





XL-Chem

Autumn School 2022 programme



| SCHEDULE | Monday 5 th 2022 | Tuesday 6 th 2022 | Wednesday 7 th 2022 | Thursday 8 th 2022 | Friday 9 th 2022 |
|----------------|---|--|--|--|---|
| 8:00-10:00 am | <p>(8.00-9.00) Welcome to XL-Chem : Pr. Pierre-Yves Renard, Dr. Nadège Follain, Dr. Sébastien Balieu and Ms Audrey Gosselin (Amphi CURIB, MSA)</p> <p>(9.00-10.00) : PARAZAPARMA presentation by R.Larouche-Gauthier (Amphi CURIB, MSA)</p> | <p>Dr. Nikolaos Nenadis (University of Thessaloniki – Greece) Primary antioxidants: structure-activity relationship (Amphi Poirier, MSA)</p> | <p>(8.30-11.30) Oril part 3 - Bruno SCHIAVI Process Chemistry Principles – 3H Activities Roadmap for chemical API's* development Scale-up (route scouting, thermal and material transfers, ... Case study and examples (Amphi Poirier, MSA)</p> | | <p>Dr. Elwira Lasoń (Cracow University of Technology – Poland) Lipid nanostructures as carriers of selected phytochemical compounds with potential therapeutic effect in the treatment of skin cancer (Amphi Poirier, MSA)</p> |
| 10:00-10:15 am | Break | Break | | | Break |
| 10:15-12:15 am | <p>Dr. Anthia Matsakidou (University of Thessaloniki – Greece) Exploring edible snails and insects as alternative sources of proteins, oils and other ingredients (Amphi CURIB, MSA)</p> | <p>Pr. Fabio Belinna (University of Pisa – Italy) Pd-catalyzed C-H activation of azoles and of its application to the synthesis of organic materials and bioactive compounds (Amphi Poirier, MSA)</p> | | <p>(9.30-11.30) Pr. Norio Shibata (Nagoya Institute of Technology – Japan) Contributions of Organofluorine Molecules to Life Science (Amphi Poirier, MSA)</p> | <p>Pr. Anna-Maria Papini (University of Florence – Italia) From peptides to peptidomimetics and the challenge of industrial applications (Amphi Poirier, MSA)</p> |
| 2:00-4:00 pm | <p>Oril part 1 - Jean Fournier Oril presentation 30 min + Intellectual Property 1h + exchange with students 30 min (Amphi CURIB, MSA)</p> | <p>Oril part 2 - Julien Auvray Process Chemical Engineering Principles - 3H Focus on Thermal Safety, Industrial Crystallization, Steering... (Amphi Poirier, MSA)</p> |  | <p>(1.15-3.15) Oril part 4 - Yohann Berhaut Flow Technology Development in Process Chemistry Inputs and challenges from the Lab towards the Industrial scale Principles, examples (Amphi Poirier, MSA)</p> | <p>Oril part 5 - David Speybrouck SFC and analytic technics Dr. (Amphi Poirier, MSA)</p> |
| 4:00-4:15 pm | Break | Break | | Break | Break |
| 4:15-6:15 pm | <p>(4.15-5.15) : Novalix presentation by Dr. Julien Marin (Amphi CURIB, MSA)</p> <p>(5.15-6.15) : TFChem presentation by Dr. Géraldine Deliencourt (Amphi CURIB, MSA)</p> | <p>(5.15-7.15) Pr. Peter Karuso (University of Macquarie – Australia) Part 1 The organic chemistry of primary metabolism: Evolution and mechanisms (Amphi Poirier, MSA)</p> | <p>XLC Social Event* in the city of Fecamp (lunch, social activities and diner)</p> <p>with a Conference presented by Pr. André Charette (from 6.00 to 7.00 pm)</p>  | <p>(3.30-5.30) Pr. Zhongwu Guo (University of Florida – United States of America) Design and Synthesis of Functionalized Glycolipids and Their Applications as Biological Probes (Amphi Poirier, MSA)</p> <p>(5.30-7.30) Dr. Małgorzata Miastkowska (Cracow University of Technology – Poland) Selected drug delivery systems used in skin regeneration (Amphi Poirier, MSA)</p> | <p>Pr. Peter Karuso (University of Macquarie – Australia) Part 2 Biosynthesis of fatty acids, polyketides, and biomimetic synthesis (Amphi Poirier, MSA)</p> |
| 6:15-8:15 pm | <p>Exchange with the industrial speakers around a diner cocktail* (CURIB reception)</p> <p><small>* On registration</small></p> | | | | <p>Closing of the Autumn School and diner cocktail* (COBRA Laboratory, MSA)</p> <p><small>* On registration</small></p> |