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UNIVERSITÉ DE FRIBOURG
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HEIA-FR
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POLYMERE
POLYMÈRES
POLYMERS

CHIMIE
CHEMISTRY
CHEMIE

MATERIALS
MATERIALIEN
MATÉRIAUX

Short Talks
& Posters

Common Research Day

Big Lecture Hall Chemistry, Uni Fribourg

15.09.2021, 8h30 – 17h30

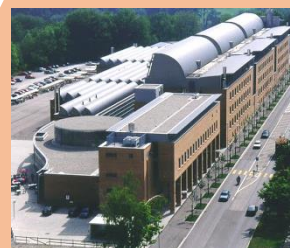
Register (free): <https://www3.unifr.ch/form/rectorat/view.php?id=15250>



Physics & Chemistry



adolphe merkle institute
excellence in pure and applied nanoscience



ChemTech

Institute of Chemical Technology

Speakers: Ana Akrap, Guillermo Acuna, Christophe Allemann, Christian Bernhard, Christian Bochet, Véronique Breguet Mercier, Thierry Chappuis, Michal Dabros, Alke Fink, Katharina Fromm, Marco Lattuada, Roger Marti, Jovana Milic, Barbara Rothen-Rutishauser, Albert Ruggi, Stefan Salentinig, Frank Scheffold, Ullrich Steiner, Veronique Trappe, Christoph Weder, Fabio Zobi

Program Research Day, 15.09.2021

08h30 Arrival & Registration Grand Auditoire Chimie, Ch du Musée 9, UniFR

09h00 Block 1 (10 min presentations + 2 min discussion):

- **Fabio Zobi**: From the Water World to Biomedical Applications: Diatoms as Microshuttles in Drug Delivery Systems
- **Ali Coskun**: Tailor-made Functional Polymers for Energy Storage and Environmental Applications
- **Christophe Allemann**: ChemTech, applied research from lab to plant
- **Andreas Kilbinger**: New mechanisms for precision polymer synthesis
- **Ulli Steiner**: Functional materials made by polymer self-assembly

10h-10h30 Coffee break

10h30 Block 2 (10 min presentations + 2 min discussion):

- **Guillermo Acuna**: Fabricating hybrid structures with DNA Nanotechnology
- **Albert Ruggi**: Good kobolds: exotic photocatalysts for hydrogen production
- **Véronique Breguet Mercier, Thierry Chappuis, Olivier Vorlet**: Synthesis from lab to ton scale
- **Véronique Trappe**: Mechanics and dynamics of soft solid-like systems
- **Ana Akrap**: Topological semimetals and their charge dynamics
- **Christoph Weder**: Functional Polymers

11h30–13h30 Lunch, Posters & Networking

13h30 Block 3 (10 min pres + 2 min discussion)

- **Alke Fink and Barbara Rothen-Rutishauser**: Nanomaterials and cells, an overview about ongoing research projects
- **Jovana Milic**: A Supramolecular Approach to Renewable Energy Conversion in Hybrid Photovoltaics
- **Roger Marti**: Process Research of a Drug Candidate for the Treatment of GM1-Gangliosidosis
- **Frank Scheffold**: Ink-jet printable structurally colored pigments
- **Marco Lattuada**: Design and self-assembly of colloidal particles

14h30-15h Coffee break

15h: Block 4 (10 min pres + 2 min discussion)

- **Katharina Fromm**: From batteries to antimicrobial coatings and sensors
- **Stefan Salentinig**: Nature-inspired antimicrobial lipid surfaces for food applications
- **Michal Dabros**: Process Analytical Technology (PAT): applications in chemistry and bioprocessing
- **Dmitry Katayev**: Simplifying Nitration Chemistry with Bench-stable and Easily Accessible Reagents

16h: Posters, Networking, Beer and Pretzels / End

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If necessary, the event will be held online.