

MSCA-ITN ULTIMATE Symposium

Synthetic 2D Materials - From Structures to Functions

Tuesday 19th September 2023

Institut de Science et d'Ingénierie Supramoléculaires (ISIS)

8 allée Gaspard Monge, 67000 Strasbourg, France

- 09:00 Welcome & introduction
Paolo Samorì - UNISTRA & CNRS, France
- 09:10 Manipulating Matter by Strong Coupling to the Vacuum Field
Thomas Ebbesen - UNISTRA & CNRS, France
- 09:55 2D Covalent Organic Frameworks by On-Surface Polymerization
Stefan Hecht - HU Berlin, Germany
- 10:30 Coffee break
- 10:50 Single-Molecule Reactions Studied by Atomic Force Microscopy
Leo Gross - IBM Research Europe, Switzerland
- 11:25 How to Watch and Control Single-Molecule Motion at Surfaces
Leonhard Grill - Universität Graz, Austria
- 12:00 End of the morning session
- 13:45 Atomically-Resolved Fluorescence from Single Molecules to 2D Materials
Guillaume Schull - UNISTRA & CNRS, France
- 14:30 Solution-Processed 2D Crystals for Energy Applications
Francesco Bonaccorso - BeDimensional S.p.A., Italy
- 15:05 Molecules Enabling Multi-Responsive and High-Performance 2D TMDs Electronics
Paolo Samorì - UNISTRA & CNRS, France
- 15:40 Coffee break
- 16:00 Synthesis and Functionalization of 2D Materials: A Molecular Approach
Steven De Feyter - KU Leuven, Belgium
- 16:35 2D Composites for Filters and Batteries: From Novel Properties to Real Applications
Vincenzo Palermo - CNR, Italy
- 17:10 On-Surface Synthesis of Magnetic Nanographenes
Pascal Ruffieux - Empa, Switzerland
- 17:45 End of the symposium - Bretzels, cheese & wine



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