



ElecMol 23

PUBLIC

PhD students, Post-doctoral Fellows and Researchers in the field of molecular electronics.

PREREQUISITES

There are no prerequisites to participate in the conference.

LEARNING OBJECTIVES

- > The participants will have broadened their knowledge and their interests in molecular electronics to areas differing from their specialty
- > The participants will have established their network of contacts, when seeking post-doc or permanent positions
- > The participants will have increased their knowledge in their own specialty
- > The participants will benefit from a state of the art update on the challenges of molecular electronics

PROGRAM

The conference is organized in 8 topics (7 male speakers / 9 female speakers):

- T1 - Single Molecule Junctions, Memories Switches (E. Scheer, Konstanz et M. Mayor Bâle)
 - T2 - Large Area Junctions, Memories Switches (L. Hueso, Ikerbasque et Y. Paltiel, Jerusalem)
 - T3 - Organic Electronics, Optoelectronics Photonics: Materials Devices (N. Banerji, Bern et L. Biniek, Strasbourg)
 - T4 - 2D materials, Nanotubes Nanowires (C. Casiraghi, Manchester et K. Itami, Nagoya)
 - T5 - Self-Assembly Supramolecular Architectures (R. Kieleyka, Leiden et Y. Diao, Urbana-Champaign)
 - T6 - Scanning Probe Microscopies Near Field Approaches (R. Berndt, Kiehl et G. Schull, Strasbourg)
 - T7 - Molecular Theoretical Modelling (K. Jelfs, Imperial College et A. Troisi, Liverpool)
 - T8 - Bioinspired Approaches Biomimetic Devices (L. Torsi, Bari et Alberto Salleo, Stanford)
- 16 conférences plénières et 48 communications orales

TEACHING METHODS

Presentation of research work in the form of tutorial presentations and posters sessions.

SCIENTIFIC RESPONSIBLE

WEISS Jean

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Qualité : Directeur de recherches au CNRS, UMR 7177, Institut de Chimie de Strasbourg

ANIMATION

Academic researchers, PhD students and post-doctoral fellows. ElecMol targets a large participation of young researchers and students and offers them the opportunity to meet the leaders in their fields and establish networks of professional acquaintances.

USEFUL LINKS

<http://www.elecmod.com>

CONGRÈS-FORMATION

Durée : 5 days

2023

Ref. : EBH23-0046

from 27th August 2023

to 1st September 2023

Tarif

500 € Academic (after April 15, 600€)

650 € Non-academic (after April 15, 750€)

350 € PhD students and postdocs (after April 15, 450€)

Lieu

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Renseignements

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Nature et sanction de la formation

This event is a training session as well as an adaptation and development of skills. Participants will obtain a certificate of participation. A satisfaction poll will be performed at the end of the event.