

SYMPOSIUM Molecules in Matrices

To honour the career contributions of Dr. Claudine Crépin

Institut des Sciences Moléculaires d'Orsay (ISMO)
Amphitheatre
Building 520 Paris Saclay University
91450 Orsay

Thursday April 9th 2026

Program:

- 10:30 Anne Zehnacker (ISMO) **Introduction**
- 10:45 Sean McCaffrey Maynooth University (Ireland) **Recalling shared experiences in Matrix-Isolation Spectroscopy - from atoms to symmetric biomolecules.**
- 11:25 Justinas Ceponkus Institute of Chemical Physics - University of Vilnius (Lithuania) **Para-hydrogen matrices at ISMO: from the first tests to the confirmed large-amplitude motions of the molecules confined in pH₂**
- 12:05 Michel Broquier (ISMO) **Photofragmentation vs. Photodetachment in Substituted Nitrophenolates**
- 12:45 Lunch

- 14:30 Wutharath Chin (ISMO) **Contributions of time-resolved spectroscopy in matrices.**
- 15:10 Alejandro Gutierrez-Quintanilla Institut des Sciences Analytiques et de Physico-Chimie pour l'Environnement et les Matériaux (IPREM) **Vingt mille lieues sous le froid : une grande aventure scientifique en spectroscopie moléculaire par isolement en matrice cryogénique aux cotés de Claudine Crépin**
- 15:50 Robert Kołos Institute of Physical Chemistry, Polish Academy of Science – Warsaw (Poland) **Small, exotic pnictogen-bearing molecules: Photochemistry, spectroscopy, photophysics.**
- 16:30 Claudine Crépin: Concluding Remarks
- 16:45 Cocktail