

Session Program

Jun 22 - 27, 2025



The 16th Femtochemistry Conference (FEMTO16)

Session 4 - Theory

Savoia Hotel, Trieste, Italy
Riva del Mandracchio, 4, 34124 Trieste TS

Mon, June 23

4:10 PM

Session 4 - Theory: Theory

Session

4:10 – 4:40 PM

Simulating, Modeling, and Analyzing Multidimensional Vibrational Spectroscopies of Water

Speaker

Yoshitaka Tanimura

4:40 – 5:00 PM

Simulating the ultrafast dynamics of multi-mode multi-state molecular systems coupled to a dissipative environment

Speaker

David Picconi

5:00 – 5:20 PM

Nonlinear Femtosecond Signals at Finite Temperature including Static Disorder via a Thermo Field Dynamics-Tensor Train Method

Speaker

Raffaele Borrelli

5:20 – 5:40 PM

The Importance of Being a Conical Intersection in Ultrafast Photochemistry

Speaker

Prof. Luis Bañares

5:40 – 6:00 PM

A Mapping Approach to Surface Hopping

Speaker

Jonathan Mannouch

6:00 PM