

Sunday, August 21st

18:00-20:00	Welcome reception and registration
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Monday, August 22nd

Molecular collisions and reactions

08:30 – 09:15 keynote	Bas van de Meerakker: <i>Cold and controlled collisions using tamed molecular beams</i>
09:15 – 09:45 invited	Robert Continetti: <i>Probing entrance and exit channel dynamics in Hydroxyl radical reactions by photo detachment</i>
09:45 – 10:15 invited	Nandini Mukherjee: <i>Coherently controlled cold inelastic collisions of molecular hydrogen</i>
10:15 – 10:40	Coffee break
10:40 – 11:10 invited	Lola González-Sánchez: <i>Study of gas-phase reactions of small systems with relevance in astrochemistry</i>
11:10 – 11:30	Hot topic: TBD
11:30 – 11:50	Hot topic: TBD
12:00 – 13:30	Lunch + European Physical Society (EPS) meeting
13:30 – 15:00	Poster session

Astrophysics and Astrochemistry

15:00 – 15:20	Hot topic: TBD
15:20 – 15:40	Hot topic: TBD
15:40 – 16:00	Hot topic: TBD
16:00 – 16:30	Coffee break
16:30 – 17:00 invited	Ewine van Dishock: <i>Molecular processes between the stars</i>
17:00 – 17:30 invited	Wolf Geppert: <i>Ion processes in space and planetary atmospheres</i>
17:30 – 18:00	TBD
18:30 – 20:00	Dinner
20:00 – 21:00	Poster session & refreshments

Tuesday, August 23rd

Chirality

08:30 – 09:15 keynote	Olga Smirnova: <i>Ultrafast chirality: twisting light to twist electrons on ultrafast time scale.</i>
09:15 – 09:45 invited	Valérie Blanchet: <i>Photoelectron elliptical dichroism spectroscopy of resonance-enhanced multiphoton ionization</i>
09:45 – 10:15 invited	Thomas Baumert: <i>New avenues in laser-based photoelectron circular dichroism</i>
10:15 – 10:40	Coffee break
10:40 – 11:10 invited	Laurent Nahon: <i>Recent results on Valence-shell PhotoElectron Circular Dichroism on isolated chiral systems</i>
11:10 – 11:30	Hot topic: TBD
11:30 – 11:50	Hot topic: TBD
12:00 – 13:30	Lunch + MOLEC Board Meeting
13:30 – 15:00	Poster session
Clusters and Droplets	
15:00 – 15:20	Hot topic: TBD
15:20 – 15:40	Hot topic: TBD
15:40 – 16:00	Hot topic: TBD
16:00 – 16:30	Coffee break
16:30 – 17:00 invited	Tais Gorkhovor: <i>X-ray imaging at the nanoscale with atto-second time resolution</i>
17:00 – 17:30 Invited	Henrik Stapelfeldt: <i>The primary steps of ion solvation</i>
17:30 – 18:00 invited	María Pilar de Lara-Castells: <i>On highly stable metal clusters down to the subnanometer scale: synthesis, experimental characterization, and theory</i>
18:30 – 20:00	Dinner
20:00 – 21:00	Poster session & refreshments

Wednesday, August 24th

Structural Dynamics

08:30 – 09:15 keynote	Majed Chergui: <i>Molecular photophysics and photochemistry probed by ultrafast X-ray spectroscopies</i>
09:15 – 09:45 invited	Marcus Gühr: <i>X-ray probing of nucleobase dynamics – comparing different X-ray observables</i>
09:45 – 10:15 invited	Stefanie Gräfe: <i>Plasmonic hybrid systems in external light fields: from high-resolution sensing to plasmonic catalysis</i>
10:15 – 10:40	Coffee break
10:40 – 11:10 invited	Luis Bañares: <i>Imaging the photodissociation dynamics of small hydrocarbon radicals</i>
11:10 – 11:30	Hot topic: TBD
11:30 – 11:50	Hot topic: TBD
12:00 – 13:30	Lunch
13:30 – 15:30	Facility tour
15:30 – 16:00	Coffee break
Ultrafast Surface Chemistry and Collisions	
16:00 – 16:30	TBD
16:30 – 17:00 invited	Geert-Jan Kroes: <i>Towards a chemically accurate description of reactions of molecules with transition metal surfaces</i>
17:00 – 17:20	Hot topic: TBD
17:20 – 17:40	Hot topic: TBD
17:40 – 18:00	Hot topic: TBD
18:30 – 18:30	Break
18:30 – 19:00	Zdenek Herman MOLEC Young Scientist Prize Winner Presentation
19:00 – 19:30	MOLEC Senior Prize Winner Presentation
19:30 – 21:30	Dinner

Thursday, August 25th	
Ultrafast Electron Dynamics	
08:30 – 09:15 keynote	Angel Rubio: <i>Strong light matter phenomena in molecules and low dimensional systems: from first principles</i>
09:15 – 09:45 invited	Nirit Dudovich: <i>Attosecond interferometry</i>
09:45 – 10:15 invited	Françoise Remacle: <i>Exploiting electronic entanglement for steering bond dynamics in molecules pumped by ultrashort optical pulses</i>
10:15 – 10:40	Coffee break
10:40 – 11:10 invited	Michael Robb: <i>Controlling the electrons in excited state chemistry. Some explorations with the Quantum Ehrenfest method (QuEh)</i>
11:10 – 11:30	Hot topic: TBD
11:30 – 11:50	Hot topic: TBD
12:00 – 18:00	Lunch and Social Event
18:30 – 21:00	Conference Dinner

Friday, August 26th	
Ultracold Chemistry	
08:30 – 09:15 keynote	Tanya Zelevinsky: <i>Photochemistry and molecular metrology near absolute zero</i>
09:15 – 09:45 invited	Astrid Bergeat: <i>Water molecules in space: near-thresholds inelastic collisions of water isotopes</i>
09:45 – 10:15 invited	Manfred Mark: <i>Few- and many-body physics with ultracold dipolar quantum gases</i>
10:15 – 10:40	Coffee break
10:40 – 11:10 invited	Goulven Quéméner: <i>State-to-state chemistry of ultracold molecules under magnetic fields</i>
11:10 – 11:30	Hot topic: TBD1
11:30 – 11:50	Hot topic: TBD2
11:50 – 12:00	Closing remarks