

26ème Congrès Général de la SFP

Tuesday, July 4, 2023

Mini-colloques: MC05 Physico-chimie des environnements atomiques et moléculaires froids et ultra froids: 1 - Salle

Violette Brisson (8:30 AM - 10:30 AM)

time	[id] title	presenter
8:30 AM	[173] Near-thresholds inelastic collisions of water isotopes	BERGEAT, Astrid
8:47 AM	[508] Theoretical dynamics of the S(1D)+H ₂ reaction in conditions approaching the cold regime.	BONNET, Laurent
9:04 AM	[509] LOW TEMPERATURE QUANTUM DYNAMICS OF OXYGEN EXCHANGE REACTIONS INVOLVING 17O	GUILLON, Gregoire
9:21 AM	[113] Two-photon optical shielding of collisions between ultracold polar molecules	LEPERS, Maxence
9:38 AM	[341] Spectroscopie moyen-infrarouge de haute précision de molécules polyatomiques froides	MANCEAU, Mathieu
9:55 AM	[248] Precision measurement of atom-dimer interaction in a uniform planar Bose gas	MAURY, Chloé
10:12 AM	[167] Time-Resolved Observation of the Solvation Dynamics of a Rydberg Excited Molecule Deposited on an Argon Cluster	POISSON, Lionel

Friday, July 7, 2023

Mini-colloques: MC05 Physico-chimie des environnements atomiques et moléculaires froids et ultra froids: 2 - Salle

Violette Brisson (8:30 AM - 10:30 AM)

time	[id] title	presenter
8:30 AM	[368] Imaging the structure and dynamics of helium nanodroplets with intense X-ray pulses	RUPP, Daniela
9:00 AM	[487] Quantum gases of ultracold polar molecules	OSPELKAUS, Silke
9:30 AM	[80] Frustrated Coulomb explosion of helium nanodroplets	SISOURAT, Nicolas
9:50 AM	[185] Semiclassical modeling of an elementary chemical reaction inside helium nanodroplets	CALVO, Florent
10:10 AM	[178] Electro-association of two ultracold dipolar molecules into a tetramer	QUEMENER, Goulven