

Theory days Stochastic and Dissipative effects

Nov 30, Dec 1 and 2, 2011

IRSAMC

Toulouse

Multi-ionization
Photodissociation
Time Dependent DFT
Surface Hopping
Non adiabatic effects ...

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Wed 14:00 – 15:00	Franck Lépine	LASIM, Lyon, France franck.lepine@lasim.univ-lyon1.fr	Atomic & molecular physics using modern light sources: the experimental point of view
Wed 15:00 – 16:00	Jan-Michael Rost	MPIPKS, Dresden, Germany rost@mpipks-dresden.mpg.de	Massively parallel ionization
Wed 16:15 – 17:15	Heiko Appel	Fritz-Haber-Institut der Max-Planck-Gesellschaft appel@fhi-berlin.mpg.de	Stochastic unravelling of interactions in quantum molecular dynamics
Wed 17:15 – 18:15	Chris Meier	LCAR, Toulouse, France chris@irsamc.ups-tlse.fr	Non-Markovian dynamics under intense field
Thu 09:00 – 10:00	Thomas Raitza	Theoretical Phys., Univ. Rostock, Germany gerd.roepke@uni-rostock.de	Spatially resolved collective dynamics of excited clusters
Thu 10:00 – 11:00	Thomas Fennel	Institute Physics, Rostock, Germany thomas.fennel@uni-rostock.de	Attosecond dynamics in laser-irradiated clusters
Thu 11:15 – 12:15	Cédric Simenel	DAPNIA, CEA/Saclay, France cedric.simenel@cea.fr	Descriptions of transfer reactions with the Balian-Vénéroni variational principle
Thu 12:15 – 12:45	Discussion 1		
Thu 13:45 – 14:45	Lorenzo Stella	Nanobio Spectro Group, San Sebastian, Spain lorenzo.stella@ehu.es	Quantum electron-ion (de)coherence: an atomistic approach
Thu 14:45 – 15:45	Neepa Maitra	Hunter College, University of New York, USA nmaitra@hunter.cuny.edu	Electron correlation via semiclassical dynamics: improving approximate TDDFT/DMFT for strong-field processes
Thu 16:00 – 17:00	Angel Rubio	Dept Materials Science, Faculty Chemistry, Univ. Basque Country angel.rubio@ehu.es	Non equilibrium dynamical simulations of complex systems from tddft
Thu 17:00 - 18:00	Robert van Leeuwen	Dept Physics, Univ.Jyväskylä, Finland robert.vanleeuwen@jyu.fi	Kadanoff-Baym approach to nonequilibrium phenomena in many-body systems
Fri 09:00 – 10:00	Yang Wang	Dept Quimica, Univ. Autonoma Madrid, Spain yang.wang@uam.es	Structures, energetics and dynamics of helium adsorbed on fullerene ions
Fri 11:15 – 12:15	Kasia Pernal	Institute Physics, Technical Univ. Lodz, Poland pernal@gmail.com	Going beyond one-particle approximation in linear response theory
Fri 10:00 – 11:00	Valérie Véniard	LSI, Ecole Polytechnique, Palaiseau, France valerie.veniard@polytechnique.fr	Photoionisation of atoms using Time-dependent Density functional Theory
Fri 12:15 - 12:45	Discussion 2		