

Monday 14th April

Session 1. Chair: Graham Worth

9:15 Welcome and Introduction: Graham Worth, Birmingham, UK

Controlling Molecules: The Challenge

9:45 Niels Henriksen, Copenhagen, Denmark

Laser control - an overview

10:30 Tea and coffee

11:00 Rebecca de Nalda, Madrid, Spain

Strong laser control of photochemistry

11:45 Chris Meier, Toulouse, France

Laser Control of quantum dynamics in dissipative environments: a Non-Markovian master equation approach

12:30 Lunch

Session 2 Chair: Daniel Pelaez Ruiz

14:15 Helen Fielding, UCL, London

Photodetachment of deprotonated chromophore anions: electronic structure and dynamics

15:00 Nadja Doslic, Zagreb, Croatia

Glimpse into the excited state dynamics of biochromophores

15:45 Tea and coffee

16:15 Cris Sanz Sanz, Madrid, Spain

Quantum Dynamics studies on the Strong Field Control of IBr

16:40 Patryk Jasik, Gdansk, Poland

Photodissociation and photoassociation of alkali diatomic molecules

17:05 Benjamin Lasorne, Montpellier, France

Diabatic Strategies for Photochemical Quantum Dynamics

18:00 Buffet Dinner and Poster Session

Poster Session

Garikoitz Balerdi, CSIC, Madrid

Strong laser field control of the direct photodissociation of methyl iodide in the A band

Jérôme Hurst, Strasbourg, France

Nonlinear electron dynamics in spherical metal clusters

Johannes von Vangerow, Freiburg, Germany

A time and velocity resolved study of alkali atoms desorbing from helium nanodroplets

Marin Sapunar, Zagreb, Croatia

Ultrafast photodynamics of pyrrole: a comparative TDDFT and ADC(2) study

Tamás Rozgonyi, Hungarian Academy

Describing resonance-enhanced strong-field ionization with shaped laser pulses using a simple model

Valentina Santolini and Joao Malhado, Imperial, London

Contrasting butadiene and cyclopentadiene electronic structure and photochemistry: a RASSCF study

Jan Meisner, Imperial, London

Coupled electron-nuclear dynamics following ionisation of benzene: charge migration and charge transfer

Tuesday 15th April

Session 3 Chair: Iakov Polyak

9:00 Volker Engel, Würzburg, Germany

Laser-induced electron and nuclei localization

9:45 Peter Saalfrank, Potsdam, Germany

Light-controlled nuclear and electron dynamics in (and sometimes without) an environment

10:30 Tea and coffee

11:00 Esa Räsänen, Tampere, Finland *Optimal control of ultrafast dynamics in small atoms and molecules*

11:45 Jason Greenwood, Queen's Belfast, UK

Intra-Molecular Charge Generation and Control with Ultrashort Laser Pulses

12:30 Philipp Marquetandt, Vienna, Austria

Strong field ionization, laser control and dynamics of small molecules

13:15 Lunch

Session 4 Chair: Chris Robertson

14:30 Ignacio Sola, Madrid, Spain

Coherent electronic motion in femtoscale: creating and controlling giant molecular antennas

15:15 Luis Blancafort, Girona, Spain *Photophysics of fulvene under the non-resonant Stark effect: Shaping the conical intersection seam*

16:00 Tea and coffee

16:30 Gareth Richings, Birmingham, U.K.

The Time-resolved Photoelectron Spectrum of Toluene

16:55 Martin Richter, Vienna, Austria

Effects of Intersystem Crossing on Photoexcited Nucleobases - an ab initio MD Study using SHARC

16:20 Jan Franz, Gdansk, Poland

Quantum Dynamics of Amino Acids

18:30 Evening Meal

Wednesday 16th April

Session 5 Chair: Simon Neville

9:00 Agnes Vibok, Debrecen, Hungary

Quantum control by laser-induced conical intersections

9:40 Adam Kirrander, Edinburgh, UK

Simulations of ultrafast x-ray scattering experiments

10:30 Tea and coffee

11:00 Vas Stavros, Warwick, UK

Towards manipulating photodissociation in biological molecules

11:45 Morgane Vacher, Imperial, London

Coupled electron-nuclear dynamics following ionisation of benzenes: charge migration and charge transfer

12:10 Jorge Budagosky, Zaragosa, Spain

Optimal Control of high-harmonic generation spectra

13:00 Lunch

14:00 End