

## Half-day Workshop: Quantum Dynamics and Quantum Control of Chemistry

Organized as part of the COST Action CM0702 / WG-3

**Chemistry with Ultrashort Pulses and Free-Electron Lasers:  
Looking for Control Strategies Through “Exact” Computations**

*University College London, Wednesday 22 April 2009*

13:55	<b>Graham Worth</b> (Birmingham), Introductory remarks
14:00	<b>Ignacio Sola</b> (Madrid), Quantum control with strong nonresonant fields
14:30	<b>Chris Meier</b> (Toulouse), Local control for mixed quantum/classical approaches
15:00	<b>Etienne Gindensperger</b> (Strasbourg), Conical intersections and ultrafast excited-state quantum dynamics
15:30	Coffee break
16:00	<b>Tamás Rozgonyi</b> (Budapest), Dynamics and control of dissociation of dihalomethanes
16:30	<b>Judith Durá</b> (Madrid), Real-time imaging of CH <sub>3</sub> I dissociation
17:00	<b>Dominik Kröner</b> (Potsdam), Stereoselective isomerization controlled by laser pulses: Simulations for surface mounted chiral molecular switches
17:30	Close

For further information, please email [Dr Graham Worth](#)