

# EPSRC

Engineering and Physical Sciences  
Research Council

## NATIONAL TRAINING SCHOOL IN THEORETICAL CHEMISTRY, OXFORD

31st August - 12th September 2014

Applications are invited for the fourth National Training School in Theoretical Chemistry, to be held in the Department of Chemistry and St. Catherine's College, Oxford. The School is generously sponsored by EPSRC, and supported by the Royal Society of Chemistry.

The School is designed for postgraduate students in theoretical or computational chemistry, or those with a joint interest in theory and experiment, typically in their first or second year of research.

The aim of the School is to provide a broad-based introduction to key concepts and techniques that underpin research in theoretical and computational chemistry. Topics covered will range from core quantum mechanics, statistical mechanics and mathematics; to facets of electronic structure theory, chemical reaction dynamics, liquid state theory and methods of computer simulation.

The School will be built around a series of lecture courses covering core subjects and applications, accompanied by examples classes with tutorial support. Lectures will be given by active members of the UK theoretical chemistry community, including: Ali Alavi (Cambridge), Jon Doye (Oxford), Martin Galpin (Oxford), George Jackson (Imperial), Peter Knowles (Cardiff), David Logan (Oxford), Fred Manby (Bristol) and David Manolopoulos (Oxford).

Attendance is free for up to 25 students at UK Universities who hold EPSRC studentships or who would otherwise qualify for EPSRC funding. A limited number of full cost places may be available for other students.

For further details and the application form, visit: <http://uktschool.chem.ox.ac.uk>

Further information can be obtained from:  
David Logan, Physical and Theoretical Chemistry Laboratory, South Parks Road, Oxford OX1 3QZ.  
e-mail: [uktschool@chem.ox.ac.uk](mailto:uktschool@chem.ox.ac.uk)

Application deadline: 25th April 2014.

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