

The First Quantemol Workshop

"Linking Simulation and Experiment"

Date: 10th June 2011

Place: University College London, Physics and Astronomy Department

Speakers:

- **Prof. Nick Braithwaite** (Professor of Engineering and head of the department of Physics and Astronomy at the Open University. Research is in plasma physics, studies of plasmas formed from electrical discharges in gasses as part of technological applications relating to the manufacture of semi-conductors)

- **Prof. Nigel Mason** (Professor of Molecular Physics and Director of Research in Department of Physics and Astronomy at the Open University, Order of the British Empire, leads a research group exploring many different facets of molecular physics including: astrochemistry; atmospheric physics; plasma chemistry and radiation chemistry)

- **Prof. Zoran Petrovic** (Director of Gaseous Electronics Laboratory at the Institute of the physics in Zemun, Belgrade. His research into the physics of ionized gases motivated by possible non-equilibrium plasma applications; he also studies in charged particle swarms, low pressure breakdown and discharges and kinetics and applications of collisional plasmas.)

- **Prof. Jonathan Tennyson** (Professor of Physics, Fellow of The Royal Society, Head of Department of Physics and Astronomy at the University College London. Maintains and develops R-matrix codes for modelling the low energy scattering of electrons and positrons by molecular targets)

- **Prof. Leanne Pitchford** (Research director at CNRS, at the " Laboratoire des Plasmas et Conversion d'Energie ", Université Toulouse. Among her research works is simulating the transport of charged particles in cold plasmas, and on simulating the plasma/electrode interaction)

