



**School Seminars  
Michaelmas Term 2009**

**Friday, 16 October, 12 noon, Schrödinger Theatre**

**Dr. Daniel E. Bürgler**

Institut für Festkörperforschung  
Forschungszentrum Jülich  
Germany

*Spin-Transfer Torque:  
The New Turn on Spins*

**Friday, 30 October, 12 noon, Schrödinger Theatre**

**Prof. Alexander Shengelaya**

Department of Physics  
Tbilisi State University  
Georgia

*Study of Novel Superconducting &  
Magnetic Materials using  
Muon Spin Rotation Technique*

**Friday, 27 November, 12 noon, Schrödinger Theatre**

**Prof. Mauro Messerotti**

INAF-Astronomical Observatory,  
National Institute of Nuclear  
Physics & Department of Physics  
University of Trieste, Italy

*AtmoCube:  
An Educational Nano-Satellite for  
Space Weather Applications*



THE UNIVERSE  
YOURS TO DISCOVER

INTERNATIONAL YEAR OF  
ASTRONOMY

2009

**Friday, 11 December, 12 noon, Schrödinger Theatre**

**Dr. Ronan McNulty**

School of Physics  
University College Dublin

*Electroweak physics measurements  
at the LHC*