

AMO seminar program - Spring 2012

- 2/2 **Manipulation of molecules with broadband laser: vibrational cooling and state conversion**
Ridha Horchani
Laboratoire Aimé-Cotton, University Paris-Sud 11
- 10/2 **Optical atomic clocks**
Patrick Gill
National Physical Laboratory, London
NB Friday 11:15
- 23/2 **Ultrafast control of electron dynamics: atoms, diatomics and chiral molecules**
Matthias Wollenhaupt
Department of Physics, Kassel University
- 8/3 **Dielectric materials in strong laser fields: measuring and modelling ablation and transient optical properties**
Kristian Wædegaard
IFA
- 3/4 **Spectra of cold molecular ions from hot helium nanodroplets**
Marcel Drabbels
Ecole Polytechnique Fédérale de Lausanne
- 12/4 **Tales of Quantum Mechanics - A Journey from Few- to Many-body Systems**
Nikolaj Zinner
IFA
- 26/4 **Single ion recycling reaction experiments**
Anders Kragh Hansen
IFA
- 30/4 **From photons to crystals and back – shuffling around entanglement**
Christoph Clausen
University of Geneva
NB Monday 15:15
- 10/5 **Nonclassical light on metallic nanowires**
Ulrik Andersen
Danish Technical University
- 24/5 **Kicking and Squeezing trapped objects with light**
Søren Rud Keiding
Dep. of Engineering/Dep. of Chemistry, AU

Place: Fysik Auditorium

Time: 15.15, Coffee, tea and cake will be served at 15.05

Contact persons: Jacob Sherson and Aurélien Dantan