

AMO seminar program - Fall 2013

- 27/8 **Th³⁺ Ion Trapping and Production of Cold Molecular Ions**
Michael DePalatis
Georgia Institute of Technology, Georgia
NB tuesday, 10:15
- 12/9 **Modeling the molecular response to electromagnetic fields:
challenging spectroscopies and "exotic" effects**
Sonia Coriani
Dipartimento di Scienze Chimiche e Farmaceutiche, University of Trieste
- 26/9 **Laser-field-free alignment and orientation of state-selected
asymmetric top molecules**
Hiroyuki Sakai
Department of Physics, The University of Tokyo
- 8/10 **The Dicke model realised with a BEC in a cavity**
Gergely Szirmai
University of Budapest
NB tuesday, 15:15
- 31/10 **New moves in spin choreography: quantum control of atomic
qubits and qudits**
Poul Jessen
University of Arizona
- 7/11 **Localizing trapped ions in an intracavity optical lattice**
Rasmus B. Linnet
IFA
- 21/11 **Theory for real time analysis of laser-driven many-electron
dynamics in atoms and molecules**
Haruhide Miyagi
IFA
- 5/12 **Fully quantum state preparation of single molecular ions**
Michael Drewsen
IFA

Place: Fysisk Auditorium

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

Contact persons: Annette Svendsen, Jacob Sherson and Aurélien Dantan