

# AMO seminar program - Fall 2012

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- 30/8 **Laser induced rescattering electron spectroscopy for ultrafast atomic and molecular imaging**  
Toru Morishita  
*The University of Electro-communications, Tokyo*
- 6/9 **Fragile Electronic States - Detaching Weakly Bound Electrons from Molecular Anions**  
Mathias Weber  
*JILA, NIST, and Department of Chemistry and Biochemistry, University of Colorado*
- 20/9 **FELIX: a far-infrared intense radiation facility for chemistry, physics and the life sciences**  
Wim van der Weld  
*Radboud University Nijmegen, The Netherlands*
- 27/9 **The power of Coincidence Imaging - Fundamental Physics with small Molecules**  
Reinhard Doerner  
*Institut für Kernphysik, Goethe Universitaet, Frankfurt*
- 28/9 **Resonant strong field control of molecules in the gas and liquid phase**  
Thomas Baumert  
*Universitaet Kassel, Institut fuer Physik, Germany*  
**NB Friday, 10:15 Chemistry Department**
- 4/10 **Photo-absorption and photo-electron spectroscopy of biochromophores**  
Jonathan Toker  
*IFA*
- 8/11 **Sideband cooling of atomic and molecular ions: Towards high resolution molecule spectroscopy and ultra-cold chemistry**  
Gregers Poulsen  
*IFA*
- 22/11 **Coherent state qubits and other applications of photon subtraction**  
Jonas Neergaard-Nielsen  
*Danmarks Tekniske Universitet*
- 13/12 **Attosecond and Femtosecond Photoionization Dynamics of He**  
Kenichi L. Ishikawa  
*Photon Science Center, Graduate School of Engineering, The University of Tokyo*

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**Place: Fysik Auditorium**

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

**Contact persons: Annette Svendsen, Jacob Sherson and Aurélien Dantan**