

# AMO seminar program Fall 2011

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- 15/9 **Quantum Optics and Quantum Information**  
Klaus Mølmer  
*IFA*
- 22/9 **Higly-charged ions**  
José Ramon Crespo López-Urrutia  
*Max-Planck-Institut für Kernphysik, Heidelberg*
- 6/10 **Time-resolved high-harmonic spectroscopy of chemical dynamics**  
Hans Jakob Wörner  
*ETH Zürich*
- 27/10 **Resonant Hawking radiation in Bose-Einstein condensates**  
Ivar Zapata  
*Universidad Complutense de Madrid, Madrid*
- 3/11 **Optomechanics with mirrors, atoms and molecules**  
Claudiu Genes  
*Institute for Quantum Optics and Quantum Information, Innsbruck*
- 10/11 **TBA**  
Ridha Horchani  
*Laboratoire Aimé-Cotton, University Paris-Sud 11*
- 17/11 **Large entangled atomic ensembles for interferometry beyond the classical limit**  
Carsten Klempt  
*Leibniz Universität, Hannover*
- 1/12 **TBA**  
Peter Balling  
*IFA*
- 8/12 **TBA**  
Cecilia Cormick  
*University of Saarland, Saarbrücken*
- 15/12 **TBA**  
Matthias Keller  
*University of Sussex, Brighton*

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**Place: Fysik Auditorium (Aud. G2, bygn. 1532 from november)**

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

**Contact persons: Jacob Sherson and Aurélien Dantan**