

# PIER PHOTON SCIENCE COLLOQUIUM

## Program Summer Term 2013

**Fridays 14:00, CFEL Lecture Hall, Bldg. 99**

(coffee and cake 13:45)

- 05.04. Svante Svensson**  
Uppsala University, Sweden  
*Movies of electron energy bands and other stories*  
*Studies using a new ArTOF electron analyser*
- 19.04. Franz Kärtner**  
Center for Free-Electron Laser Science, Hamburg  
*An Orchestra of Light: Advanced Timing*  
*Distribution and Light Wave Synthesis*
- 03.05. Herbert Gleiter**  
Karlsruher Institut für Technologie  
*Probing the Limits of Quantum Physics*  
*by Means of Nanoscience*
- 17.05. Robert Moshhammer**  
Max-Planck-Institut für Kernphysik, Heidelberg  
*Time-resolved experiments with atoms and molecules*  
*using XUV and IR laser pulses*
- 07.06. Laura Heyderman**  
Paul Scherrer Institute, Villingen; ETH Zurich  
*Artificial spin ice: frustration and emergent magnetic*  
*monopoles with X-ray photoemission electron microscopy*
- 21.06. Kai Rossnagel**  
Universität Kiel  
*Chasing Electrons with XUV Radiation: Momentum-*  
*Resolved Femto-Stroboscopic Nano-Spectroscopy*
- 28.06. Special date, start: 10:00**  
**Marlan O. Scully**  
Texas A&M University, USA  
*Quantum amplification by superradiant emission of radiation*
- 05.07. Thomas Pfeifer**  
Max-Planck-Institut für Kernphysik, Heidelberg  
*Multidimensional XUV spectroscopy of 2-electron dynamics*  
*and Fano-phase control*

