

# PIER PHOTON SCIENCE COLLOQUIUM

Program Winter Term 2013/14

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

(coffee and cake 13:45)

- 11.10. Marlan O. Scully**  
Texas A&M University, Texas; Princeton University,  
Baylor University, USA  
**From Masers and Lasers to Phasers and Qasers**
- 18.10. Christian Riekell**  
ESRF, Grenoble, France  
**Nanofluidics without walls**
- 01.11. Maurits Haverkort**  
MPI für chemische Physik fester Stoffe, Dresden  
**Probing collective spin, charge and orbital excitations  
with X-rays**
- 15.11. Peter Fratzl**  
MPI für Kolloid- und Grenzflächenforschung, Potsdam  
**Unraveling the mechanical behavior of protein-based  
natural materials by multi-scale X-ray diffraction  
analysis**
- 29.11. Jan Lüning**  
Université Pierre et Marie Curie, Paris, France  
**Femtosecond X-ray pulses to uncover ultrafast  
magnetization dynamics**
- 13.12. Martin Beye**  
Helmholtz Zentrum Berlin  
**Stimulated X-ray emission for materials science**
- 17.01. Thomas Michely**  
Universität zu Köln  
**The backside of graphene – Functionalization and new  
compound materials**
- 31.01. No colloquium – user's meeting**

