

**Session Program**

**October 31, 2011 to November 2, 2011**

**Nonlinear Dynamics of Simple Quantum  
Systems at Extreme Temperatures and  
Intensities**

**Atoms and molecules in intense FEL radiation**

GSI, Lecture Hall (KBW)

# Mon, October 31

1:00 PM

## Atoms and molecules in intense FEL radiation

Session | Location: GSI, Lecture Hall (KBW)

1:00 - 1:45 PM **Registration**

1:45 - 1:50 PM **Opening**

**Speaker**  
M. Meyer

1:50 - 2:20 PM

**Probing molecules from within using ultra-intense and ultra-fast X-rays from the LCLS FEL**

**Speaker**  
N. Berrah

2:20 - 2:50 PM

**Nonlinear light-atom/molecule interactions with intense XUV FEL radiation**

**Speaker**  
R. Moshhammer

2:50 - 3:20 PM

**Pulse length and photon energy dependence of multi-photon processes**

**Speaker**  
M. Martins

3:20 PM