

**12. March 2010, Max-Born-Institut Berlin  
Max-Born-Saal**

**TR18 Symposium: Acceleration Radiation and Radiation Damping**

- 11:00 – 11:10      Dietrich Habs (LMU Munich) and  
Wolfgang Sandner (MBI Berlin):  
*Welcome*
- 11.10 - 11.55      Dietrich Habs (LMU Munich):  
*How to measure radiation damping effects with  
existing laser facilities*
- 11.55 - 12.40      Hartmut Ruhl (LMU Munich):  
*Self-field and vacuum stability effects at ultra-high  
laser intensities*
- 12.40 - 13.25      Herbert Spohn (TU Munich):  
*The Landau-Lifschitz equation for radiation damping*
- 13:30 - 14:30      Lunch
- 14.30 - 15.15      Ralf Schuetzhold (Univ. Duisburg/Essen):  
*Unruh radiation*
- 15.15 - 15:45      *Discussion, Chair: D. Habs (LMU Munich)*

**Festcolloquium in Honor of Howard R. Reiss**

- 16.00 - 16:10      Wolfgang Sandner (MBI):  
*Introduction*
- 16:10 - 16.55      Joseph H. Eberly (Rochester Univ.):  
*Short-pulse atomic ionization with intense optical  
fields and arbitrary polarization*
- 16.55 - 17.40      Pierre Agostini (Ohio State Univ.):  
*Effect of an intense MIR electromagnetic field on an  
atom*
- 17.40 - 18.10      Howard R. Reiss (American Univ. and MBI):  
*Concluding remarks*
- Reception