



Institutskolloquium

Am **01. Februar 2006**, **17:00 Uhr** spricht:

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über

Response of Molecules in Intense Light Fields

Abstract:

The response of diatomic/polyatomic molecules interacting with intense laser light is currently one of the most active topics of research in intense-field physics. A short historical introduction to the origin of the field will be given. A number of 'molecular problems' of much current interest such as direct ionization of molecules in a femtosecond laser pulse, molecular two-slit interference and the symmetry effect, inelastic vibronic ionization, molecular alignments and dynamical revivals will be discussed. Results of theoretical analyses will be presented and confronted with observations.

**Ort: Max-Born-Saal,
MBI, Max-Born-Str. 2a**

Interessenten sind herzlich eingeladen.

Prof. Dr. W. Sandner