



Institutskolloquium

Am Mittwoch, **9. Juni 2004 um 16:00 Uhr** spricht:

Prof. Dr. Jan Michael Rost

Max-Planck-Institut
für Physik komplexer Systeme, Dresden

über

“Coupling of matter and light in extended systems”

The talk will focus on laser excited clusters and resulting collective phenomena.

Starting with the recently measured excitation of higher collective modes in fullerenes and their explanation we will come to the main theme: Rare gas clusters in intense laser fields including the first experiments and their possible explanation at the VUV-FEL in Hamburg where plasma dynamics plays an important role. If time permits we will discuss in the end briefly collective phenomena in laser ionized ultra cold gases.

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

Interessenten sind herzlich eingeladen.

Prof. Dr. W. Sandner

■ **Direktor Bereich A** ■ **Direktor Bereich B** ■ **Direktor Bereich C** ■ **Bereich Z**
Prof. Dr. Ingolf V. Hertel Prof. Dr. Wolfgang Sandner Prof. Dr. Thomas Elsässer Dr. Jörn Kändler

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