



Seminar Höchstfeldlaserphysik

Am Donnerstag, **22.11.2007 um 16:30 Uhr**

spricht

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über

“Harmonic generation from laser-irradiated clusters”

abstract: The effect of harmonic emission from cluster nanoplasmas subject to intense short infrared laser pulses is studied in PIC simulations and using a simple analytical model. A resonant enhancement of low-order harmonics observed in recent experiments is reproduced in calculations and analyzed. Simultaneously, our results show that dynamical stochasticity of the laser-driven nanoplasma inhibits emission of high-order harmonics from large rare-gas clusters.

Ort: Seminarraum 2.6, Geb. B, MBI, Max-Born-Str. 2a

Interessenten sind herzlich eingeladen.

Prof. Dr. W. Sandner