

## INTENSE FIELD INTERACTION WITH MOLECULES AND CLUSTERS (SYIF)

Ingolf Hertel  
 Max-Born-Institut für Nichtlineare Optik und Kurzzeitspektroskopie  
 Max-Born-Straße 2A  
 12489 Berlin  
 E-Mail: hertel@mbi-berlin.de

**ÜBERSICHT DER HAUPTVORTRÄGE UND FACHSITZUNGEN**  
 (Hörsaal HV)

SYIF 1.1 Fr 14:00 (HV) Introduction, Ingolf Hertel

**Hauptvorträge**

SYIF 1.2 Fr 14:08 (HV) **Maria Goeppert Mayer: Nobel Prize Woman in Science**, Sharon Bertsch McGrayne

SYIF 1.3 Fr 14:36 (HV) **Multiphoton photonics and applications in ultrafast chemical spectroscopies**, Margaret Murnane, Nick Wagner, Andrea Wuest, Ivan Christov, Henry Kapteyn

SYIF 1.4 Fr 15:04 (HV) **Fragmentation of molecules in intense laser fields: imaging of ultrafast molecular dynamics with coincident momentum spectroscopy**, Artem A. Rudenko, Th. Ergler, B. Feuerstein, K. Zrost, C.D. Schroeter, R. Moshammer, J. Ullrich

SYIF 1.5 Fr 15:32 (HV) **Atomic clusters in strong laser pulses: Energy spectra of emitted ions and electrons**, Ulf Saalmann

SYIF 2.1 Fr 16:30 (HV) **Applications of Attosecond Lasers to Atoms and Molecules in Strong Laser Fields**, Marc Vrakking

SYIF 2.2 Fr 17:00 (HV) **Excited state dynamics of nanostructures and biomolecules within TDDFT**, Angel Rubio

SYIF 2.3 Fr 17:30 (HV) **Strong dual-pulse excitations of metal clusters**, Karl-Heinz Meiwes-Broer, Tilo Doeppner, Thomas Fennel, Johannes Passig, Josef Tiggesbaeumker

SYIF 2.4 Fr 18:00 (HV) **New Perspectives Arising from Femtosecond Plasma Channels in Air**, Ludger Woeste

**Fachsitzungen**

SYIF 1	<b>Intense field interaction with molecules and clusters 1</b>	Fr 14:00–16:00	HV	SYIF 1.1–1.5
SYIF 2	<b>Intense field interaction with molecules and clusters 2</b>	Fr 16:30–18:30	HV	SYIF 2.1–2.4