

## Symposium High resolution spectroscopy – modern trends and new techniques (SYHR)

veranstaltet vom  
Fachverband Molekülphysik (MO)

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### Übersicht der Hauptvorträge und Fachsitzungen

(Hörsaal VMP 8 R05)

#### Hauptvorträge

SYHR 1.1	Do	10:30–11:10	VMP 8 R05	<b>High-Resolution Rotational Spectroscopy: New Waves</b> — ●JENS-UWE GRABOW
SYHR 1.2	Do	11:10–11:50	VMP 8 R05	<b>Some like it cold – aggregation and dissociation of HCl and water in helium nanodroplets</b> — GERHARD SCHWAAB, ●OZGUR BIRER, ANNA GUTBERLETH, MARTINA HAVENITH
SYHR 1.3	Do	11:50–12:30	VMP 8 R05	<b>High resolution electronic spectroscopy of anisole dimer</b> — ●GIANGAETANO PIETRAPERZIA, MASSIMILIANO PASQUINI, NICOLA SCHICCHERI, GIOVANNI PIANI, MAURIZIO BECUCCI
SYHR 2.1	Do	14:00–14:40	VMP 8 R05	<b>Microwave Spectroscopy of Weakly Bound Systems and Floppy Molecules</b> — ●WOLFGANG STAHL
SYHR 2.2	Do	14:40–15:20	VMP 8 R05	<b>Rovibrational spectroscopy on cold trapped molecular ions below 0.1 K</b> — ●BERNHARD ROTH
SYHR 2.3	Do	15:20–16:00	VMP 8 R05	<b>Eigenstate-resolved electronic spectroscopy of large molecules in the gas phase.</b> — ●DAVID W. PRATT
SYHR 3.1	Do	16:30–17:10	VMP 8 R05	<b>Automated fitting of High Resolution spectra from the MW to the UV</b> — ●W. LEO MEERTS
SYHR 3.2	Do	17:10–17:50	VMP 8 R05	<b>High resolution spectroscopy using supersonic planar plasma expansions</b> — ●HAROLD LINNARTZ
SYHR 3.3	Do	17:50–18:30	VMP 8 R05	<b>Discussion of the Results of the Symposium</b> — ●DAVID PRATT, HAROLD LINNARTZ, WOLFGANG STAHL, GERHARD SCHWAAB, JENS-UWE GRABOW, BERNHARD ROTH, GIANGAETANO PIETRAPERZIA, W. LEO MEERTS

#### Fachsitzungen

SYHR 1.1–1.3	Do	10:30–12:30	VMP 8 R05	<b>High resolution spectroscopy - modern trends and new techniques I</b>
SYHR 2.1–2.3	Do	14:00–16:00	VMP 8 R05	<b>High resolution spectroscopy - modern trends and new techniques II</b>
SYHR 3.1–3.3	Do	16:30–18:30	VMP 8 R05	<b>High resolution spectroscopy - modern trends and new techniques III</b>