

Mass Spectrometry Division Fachverband Massenspektrometrie (MS)

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Overview of Invited Talks and Sessions

(lecture room V57.06; Poster.IV)

Invited Talks

MS 1.1	Mon	10:30–11:00	V57.06	Analysis of engineered and laser generated aerosols by Laser Ablation Inductively Coupled Plasma Mass Spectrometry — •DETLEF GUENTHER, JOACHIM KOCH, LUCA FLAMIGNI, SABRINA GSCHWIND
MS 2.1	Mon	14:00–14:30	V57.06	Recent atomic mass measurement results from JYFLTRAP — •TOMMI ERONEN, DMITRY GORELOV, JANI HAKALA, ARI JOKINEN, ANU KANKAINEN, VELI KOLHINEN, JUHO RISSANEN, JUHA ÄYSTÖ
MS 3.1	Mon	16:30–17:00	V57.06	The resonance ionization laser ion source RILIS - leading all-rounder of on-line ion sources — •SEBASTIAN ROTHE, VALENTIN FEDOSSEEV, DANIEL FINK, RALF ROSSEL, MAXIM SELIVERSTOV, KLAUS WENDT
MS 4.1	Tue	10:30–11:00	V57.06	Present and future mass measurements at the FRS-ESR Facility at GSI — •RONJA KNÖBEL
MS 5.1	Tue	14:00–14:30	V57.06	Präzisionsmassenmessungen an ISOLTRAP für Kernstruktur- und Astrophysik — •SUSANNE KREIM
MS 7.1	Thu	10:30–11:00	V57.06	Optimizing small AMS systems beyond C-14 — •CHRISTOF VOCKENHUBER
MS 8.1	Thu	14:00–14:30	V57.06	Structure and dynamics of finite Fermi systems: simple metal clusters and fullerenes — •BERND V. ISSENDORFF
MS 8.2	Thu	14:30–15:00	V57.06	Light induced reactions (LIR) in a cold 22-pole ion trap — OSKAR ASVANY, SANDRA BRÜNKEN, •STEPHAN SCHLEMMER

Invited talks of the joint symposium SYAD

See SYAD for the full program of the Symposium.

SYAD 1.1	Mon	14:00–14:30	V47.01	A Quantum Information approach to Statistical Mechanics — •GEMMA DE LAS CUEVAS
SYAD 1.2	Mon	14:30–15:00	V47.01	Bose-Einstein condensation of photons — •JAN KLÄRS
SYAD 1.3	Mon	15:00–15:30	V47.01	Broadband Optical Quantum Memory at Room Temperature — •KLAUS REIM
SYAD 1.4	Mon	15:30–16:00	V47.01	First Spin-Flips Ever Observed with a Single Trapped Proton — •STEFAN ULMER, CRICIA RODEGHERI, KLAUS BLAUM, HOLGER KRACKE, ANDREAS MOOSER, WOLFGANG QUINT, JOCHEN WALZ

Invited talks of the joint symposium SYIB

See SYIB for the full program of the Symposium.

SYIB 1.1	Tue	10:30–11:00	V55.22	Nuclear physics with stored highly-charged radioactive ions — •YURI LITVINOV
SYIB 1.2	Tue	11:00–11:30	V55.22	High Precision Laser Spectroscopy at the Storage Ring ESR — •WILFRIED NÖRTERSCHÄUSER
SYIB 1.3	Tue	11:30–12:00	V55.22	Storage-ring measurements of hyperfine-induced one-photon transitions in highly charged ions — •STEFAN SCHIPPERS

SYIB 1.4	Tue	12:00–12:30	V55.22	Low-Temperature Molecular Recombination from fast Electron and Ion Beams — ●OLDRICH NOVOTNY
SYIB 2.1	Tue	14:00–14:30	V55.22	Ion induced fragmentation of large (bio)molecules — ●THOMAS SCHLATHÖLTER
SYIB 2.2	Tue	14:30–15:00	V55.22	Using femtosecond lasers for determining the structure and dynamics of complex molecules — ●JASON GREENWOOD
SYIB 2.3	Tue	15:00–15:30	V55.22	Fast beam momentum spectroscopy on XUV excited molecular ions — ●HENRIK PEDERSEN
SYIB 2.4	Tue	15:30–16:00	V55.22	Electron Emission from Hot Stored Molecular and Cluster Anions — ●MICHAEL LANGE, KLAUS BLAUM, CHRISTIAN BREITENFELDT, MICHAEL FROESE, SEBASTIAN MENK, ANDREAS WOLF, SWARUP DAS, MANAS MUKHERJEE

Sessions

MS 1.1–1.7	Mon	10:30–12:30	V57.06	Resonance Ionization MS, ICPMS and others I
MS 2.1–2.7	Mon	14:00–16:00	V57.06	Precision Mass Spectrometry and Fundamental Applications I
MS 3.1–3.4	Mon	16:30–17:45	V57.06	Resonance Ionization MS, ICPMS and others II
MS 4.1–4.4	Tue	10:30–11:45	V57.06	Ion Storage Rings
MS 5.1–5.7	Tue	14:00–16:00	V57.06	Precision Mass Spectrometry and Fundamental Applications II
MS 6.1–6.17	Tue	16:30–19:00	Poster.IV	Poster
MS 7.1–7.7	Thu	10:30–12:30	V57.06	Accelerator Mass Spectrometry and Applications I
MS 8.1–8.7	Thu	14:00–16:15	V57.06	Ion Trap and FT-ICR-MS, Molecules, Clusters and Reactions
MS 9.1–9.8	Fri	10:30–12:30	V57.06	Accelerator Mass Spectrometry and Applications II

Mitgliederversammlung Fachverband Massenspektrometrie

Dienstag 11:45–12:15 V57.06

- Begrüßung
- Bericht des MS-Vorsitzenden
- Wahl des neuen MS-Vorsitzenden
- Vorschläge für Symposien
- Verschiedenes