

Mass Spectrometry Division Fachverband Massenspektrometrie (MS)

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Overview of Invited Talks and Sessions

(Lecture Room F 442; Poster Empore Lichthof)

Invited Talks

MS 1.1	Mon	11:00–11:30	F 442	Reducing nuclear physics uncertainties in r-process models using high-precision mass measurements of highly charged, neutron-rich Rb and Sr ions — •VANESSA V. SIMON
MS 2.1	Mon	14:00–14:30	F 442	The application of high-precision atomic masses in neutrino physics — •SZILARD NAGY
MS 3.1	Mon	16:30–17:00	F 442	Erzeugung polyanionischer Cluster in Ionenfallen — •FRANKLIN MARTINEZ, STEFFI BANDELOW, GERRIT MARX, LUTZ SCHWEIKHARD
MS 4.1	Tue	11:00–11:30	F 442	Surface Analysis with ToF-SIMS and Laser-SNMS: Possibilities and Limitations — •HEINRICH F. ARLINGHAUS
MS 5.1	Tue	14:00–14:30	F 442	The ISOLDE Laser Ion Source and Trap (LIST): Towards Pure Ion Beams — •DANIEL FINK, KLAUS BLAUM, RICHARD CATHERAL, VALENTIN FEDOSSEEV, ALEXANDER GOTTBORG, TOBIAS KRON, BRUCE MARSH, SVEN RICHTER, RALF ERIK ROSSEL, SEBASTIAN ROTHE, THIERRY STORA, KLAUS WENDT
MS 6.1	Wed	11:00–11:30	F 442	Recent results in mass measurements of short-lived nuclides at CSRe-Lanzhou — •YUHU ZHANG, HUSHAN XU, YURI LITVINOV
MS 7.1	Wed	14:00–14:30	F 442	Beschleuniger-Massenspektrometrie mit C-14 - eine Erfolgsgeschichte mit vielen Facetten — •BERND KROMER
MS 9.1	Thu	11:00–11:30	F 442	Extending the measuring capabilities of AMS — •ROBIN GOLSER, OLIVER FORSTNER, WALTER KUTSCHERA, MARTIN MARTSCHINI, ALFRED PRILLER, STEPHAN WINKLER

Invited talks of the joint symposium SYMS

See SYMS for the full program of the symposium.

SYMS 1.1	Fri	11:00–11:30	E 415	MS for environmental and radiochemical applications — •CLEMENS WALTHER
SYMS 1.2	Fri	11:30–12:00	E 415	Modern nuclear mass models — •STEPHANE GORIELY
SYMS 1.3	Fri	12:00–12:30	E 415	High-accuracy mass measurements for nuclear astrophysics — •SUSANNE KREIM
SYMS 1.4	Fri	12:30–13:00	E 415	Storage ring mass and lifetime measurements — •FRITZ BOSCH
SYMS 2.1	Fri	14:00–14:30	E 415	Search for resonant double-electron capture — •SERGEY ELISEEV, KLAUS BLAUM, MICHAEL BLOCK, CHRISTIAN DROESE, DMITRIY NESTERENKO, YURI NOVIKOV, ENRIQUE MINAYA RAMIREZ, CHRISTIAN ROUX, LUTZ SCHWEIKHARD, KAY ZUBER
SYMS 2.2	Fri	14:30–15:00	E 415	Towards accurate T-3He Q-value — •TOMMI ERONEN, MARTIN HÖCKER, JOCHEN KETTER, SEBASTIAN STREUBEL, ROBERT S. VAN DYCK, KLAUS BLAUM
SYMS 2.3	Fri	15:00–15:30	E 415	The Avogadro constant and a new definition of the kilogram — •PETER BECKER

SYMS 2.4	Fri	15:30–16:00	E 415	Dating human DNA with the ^{14}C bomb peak — •WALTER KUTSCHERA, JAKOB LIEBL, PETER STEIER
SYMS 2.5	Fri	16:00–16:30	E 415	Resonance ionization mass spectrometry — •KLAUS WENDT

Sessions

MS 1.1–1.5	Mon	11:00–12:30	F 442	Precision Mass Spectrometry and Fundamental Applications I
MS 2.1–2.5	Mon	14:00–15:30	F 442	Precision Mass Spectrometry and Fundamental Applications II
MS 3.1–3.6	Mon	16:30–18:15	F 442	Ion Trap and FT-ICR-MS, Molecules, Clusters and Reactions
MS 4.1–4.3	Tue	11:00–12:00	F 442	Resonance Ionisation MS, ICPMS and others I
MS 5.1–5.5	Tue	14:00–15:30	F 442	Resonance Ionisation MS, ICPMS and others II
MS 6.1–6.4	Wed	11:00–12:15	F 442	Ion Storage Rings and Precision Mass Spectrometry
MS 7.1–7.5	Wed	14:00–15:30	F 442	Accelerator Mass Spectrometry and Applications I
MS 8.1–8.14	Wed	16:00–18:30	Empore Lichthof	Poster
MS 9.1–9.5	Thu	11:00–12:30	F 442	Accelerator Mass Spectrometry and Applications II
MS 10.1–10.7	Thu	14:00–15:45	F 442	Accelerator Mass Spectrometry and Applications III

Mitgliederversammlung Fachverband Massenspektrometrie

Dienstag 12:00–12:30 F 442

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