

Mass Spectrometry Division Fachverband Massenspektrometrie (MS)

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Overview of Invited Talks and Sessions

(Lecture room: PH/HS2; Poster: C/Foyer)

Invited Talks

MS 1.1	Mon	11:30–12:00	PH/HS2	Nuclear Masses and Neutron Stars — ●JÜRGEN SCHAFFNER-BIELICH
MS 2.1	Mon	14:30–15:00	PH/HS2	Precision Penning trap mass measurements of short-lived exotic isotopes — ●JENS DILLING
MS 4.1	Tue	11:00–11:30	PH/HS2	Direct search for the neutrino mass: the KATRIN experiment — ●CHRISTIAN WEINHEIMER
MS 5.1	Tue	14:30–15:00	PH/HS2	Resonance laser ionization for RIB production and spectroscopy in gas cells and jets — ●IAIN MOORE
MS 8.1	Wed	14:30–15:00	PH/HS2	Entwicklung eines multi-Isotopen nieder-Energie AMS Systems — ●SASCHA MAXEINER, HANS-ARNO SYNAL, MARCUS CHRISTL, MARTIN SUTER, ARNOLD MÜLLER, CHRISTOF VOCKENHUBER
MS 10.1	Wed	17:00–17:30	PH/HS2	Betrieb und Performance des CologneAMS Systems — ●STEFAN HEINZE, CLAUS FEUERSTEIN, BJÖRN DITTMANN, STEVE BINNIE, SILKE MECHERNICH, ALFRED DEWALD, TIBOR DUNAI, JANET RETHEMEYER
MS 13.1	Thu	17:00–17:30	PH/HS2	From the Earth to the Stars: AMS a versatile technique in different fields of Science. — ●GUNTHER KORSCHINEK
MS 14.1	Fri	11:00–11:30	PH/HS2	AMS detection of actinides at high mass separation — ●PETER STEIER, ROSMARIE EIGL, JOHANNES LACHNER, ALFRED PRILLER, FRANCESCA QUINTO, AYA SAKAGUCHI, STEPHAN WINKLER, ROBIN GOLSER

Invited talks of the joint symposium SYNG

See SYNG for the full program of the symposium.

SYNG 1.1	Thu	11:00–11:30	C/gHS	Development of a new facility for measuring 81Kr and 85Kr at ultra-trace level in environmental samples. — ●BERNARD LAVIELLE, ERIC GILABERT, BERTRAND THOMAS, ROMAIN REBEIX, GRÉGORY CANCEL, CHRISTOPHE MOULIN, SYLVAIN TOPIN, FABIEN POINTURIER
SYNG 1.2	Thu	11:30–12:00	C/gHS	Atom counting system to measure trace krypton contamination in ultra-pure xenon — ●ANDRE LOOSE, TANYA ZELEVINSKY, ELENA APRILE
SYNG 1.3	Thu	12:00–12:30	C/gHS	Krypton-85 and Radioxenon: Environmental Tracers and Indicators for Nuclear Activities — ●CLEMENS SCHLOSSER, VERENA HEIDMANN, MARTINA KONRAD, SABINE SCHMID
SYNG 2.1	Thu	14:30–15:00	C/gHS	Using Noble Gases to Understand the History of Terrestrial Volatiles — ●DON PORCELLI
SYNG 2.2	Thu	15:00–15:30	C/gHS	Noble gas analysis in water: from temperature reconstruction over excess formation to oxygen turnover on environmentally relevant time scales — ●ROLF KIPFER, MATTHIAS BRENNWALD
SYNG 2.3	Thu	15:30–16:00	C/gHS	Applications of Noble Gases in Oceanography — ●PETER SCHLOSSER, ROBERT NEWTON, GISELA WINCKLER, ANGELICA PASQUALINI

Sessions

MS 1.1–1.5	Mon	11:30–13:00	PH/HS2	Precision Mass Spectrometry 1
MS 2.1–2.7	Mon	14:30–16:30	PH/HS2	Precision Mass Spectrometry 2
MS 3.1–3.8	Mon	17:00–19:00	PH/HS2	New Mass Spectrometric Methods and Technical Developments
MS 4.1–4.7	Tue	11:00–13:00	PH/HS2	Ion Traps, Molecules, Clusters, Decay and Reactions
MS 5.1–5.6	Tue	14:30–16:15	PH/HS2	Resonance Ionization
MS 6.1–6.15	Tue	17:00–17:00	C/Foyer	Posters
MS 7.1–7.5	Wed	11:00–12:15	PH/HS2	Ion Storage Rings
MS 8.1–8.7	Wed	14:30–16:30	PH/HS2	Accelerator Mass Spectrometry and Applications 1
MS 9.1–9.7	Wed	14:30–16:30	PH/SR106	Clusters in Molecular Physics (with A & MS)
MS 10.1–10.7	Wed	17:00–19:00	PH/HS2	Accelerator Mass Spectrometry and Applications 2
MS 11.1–11.5	Thu	11:00–13:00	C/gHS	Applied Noble Gas Physics Part 1
MS 12.1–12.5	Thu	14:30–16:30	C/gHS	Applied Noble Gas Physics Part 2
MS 13.1–13.5	Thu	17:00–18:30	PH/HS2	Accelerator Mass Spectrometry and Applications 3
MS 14.1–14.7	Fri	11:00–13:00	PH/HS2	Accelerator Mass Spectrometry and Applications 4

Annual General Meeting of the Mass Spectrometry Division

Wed 12:30–13:00 PH/HS2

- Bericht
- Amtseinführung des neuen Sprecher
- Vorschläge für Symposien
- Verschiedenes