

Symposium 100 Years of Mass Spectrometry (SYMS)

jointly organized by
the Mass Spectrometry Division (MS),
the Atomic Physics Division (A), and
the Molecular Physics Division (MO)

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Overview of Invited Talks and Sessions

(lecture room E 415)

Invited Talks

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 14C 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

SYMS 1.1–1.4	Fri	11:00–13:00	E 415	100 Years of Mass Spectrometry 1
SYMS 2.1–2.5	Fri	14:00–16:30	E 415	100 Years of Mass Spectrometry 2