

## Vacuum Science and Technology Division Fachverband Vakuumphysik und Vakuumtechnik (VA)

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### Overview of Invited Talks and Sessions

(Lecture room HSZ 301; Poster P2-OG3)

#### Invited Talks

VA 1.1	Mon	9:00– 9:45	HSZ 301	<b>Assessment of a Pressure Gauge Filament for Neutral Gas Density Measurement using Alternating Current as Source Power</b> — •NIKOLA JAKSIC, HANS MEISTER, ANDREA SCARABOSIO
VA 2.1	Mon	11:00–11:45	HSZ 301	<b>Commissioning of the complete KATRIN Vacuum System</b> — •JOACHIM WOLF, KATRIN COLLABORATION
VA 3.1	Mon	13:30–14:15	HSZ 301	<b>High speed massive matter injection in ultrahigh vacuum environment for magnetic fusion devices</b> — •MATHIAS DIBON, PETER LANG, GABRIELLA PAUTASSO, ALBRECHT HERRMANN, VITUS MERTENS, RUDOLF NEU, BERNHARD PLOECKL, VOLKER ROHDE

#### Invited talks of the joint symposium SYNS

See SYNS for the full program of the symposium.

SYNS 1.1	Wed	15:00–15:30	HSZ 02	<b>The Limits to Lithography: How Electron-Beams Interact with Materials at the Smallest Length Scales</b> — •KARL K. BERGGREN
SYNS 1.2	Wed	15:30–16:00	HSZ 02	<b>High precision fabrication for light management at nanoscale</b> — •SAULIUS JUODKAZIS, ARMANDAS BALCYTIS
SYNS 1.3	Wed	16:00–16:30	HSZ 02	<b>Directed self-assembly of performance materials</b> — •PAUL NEALEY
SYNS 1.4	Wed	16:45–17:15	HSZ 02	<b>Nanometer accurate topography patterning using thermal Scanning Probe Lithography</b> — •ARMIN W. KNOLL
SYNS 1.5	Wed	17:15–17:45	HSZ 02	<b>High resolution 3D nanoimprint lithography</b> — •HARTMUT HILLMER

#### Sessions

VA 1.1–1.3	Mon	9:00–10:45	HSZ 301	<b>Vacuum Generation and Measurement</b>
VA 2.1–2.2	Mon	11:00–12:15	HSZ 301	<b>Large Vacuum Systems</b>
VA 3.1–3.2	Mon	13:30–14:45	HSZ 301	<b>Vacuum Physics</b>
VA 4.1–4.6	Mon	14:45–16:00	P2-OG3	<b>Poster Session</b>

#### Annual General Meeting of the Vacuum Science and Technology Division

Monday 16:00–16:30 HSZ 301