

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

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Overview of Invited Talks and Sessions

(Lecture halls H2 and H6)

Invited Talks

VA 2.1	Mon	9:30–10:10	H6	Vacuum metrology and its impact on research and industry — ●KARL JOUSTEN, MATTHIAS BERNIEN
VA 4.1	Mon	14:00–14:40	H6	Development of a new wireless SAW-Pirani vacuum sensor with extended range and sensitivity — ●SOFIA TOTO, JUERGEN BRANDNER
VA 5.1	Mon	15:25–16:05	H6	Outgassing rate measurements in practice: feasibility and comparability — ●MICHAEL FLÄMMICH, FRANCISC HAIDU, CHRISTIAN WORSCH, MARCEL KLESSEN, KLAUS BERGNER, UTE BERGNER

Invited talks of the joint Symposium SKM Dissertation-Prize 2019

See SYSD for the full program of the symposium.

SYSD 1.1	Mon	9:30– 9:50	H2	Synchronization and Waves in Confined Complex Active Media — ●JAN FREDERIK TOTZ
SYSD 1.2	Mon	9:50–10:10	H2	Spin scattering of topologically protected electrons at defects — ●PHILIPP RÜSSMANN
SYSD 1.3	Mon	10:10–10:30	H2	Beyond the molecular movie: Revealing the microscopic processes behind photo-induced phase transitions — ●CHRIS W. NICHOLSON
SYSD 1.4	Mon	10:30–10:50	H2	Thermodynamic bounds on current fluctuations — ●PATRICK PIETZONKA
SYSD 1.5	Mon	10:50–11:10	H2	Lightwave-driven quasiparticle acceleration — ●FABIAN LANGER
SYSD 1.6	Mon	11:10–11:30	H2	Ultrafast plasmon-driven point-projection electron microscopy — ●JAN VOGELSANG
SYSD 1.7	Mon	11:30–11:50	H2	Helimagnets, sand patterns and fingerprints linked by topology — ●PEGGY SCHÖNHERR

Invited talks of the joint Symposium Czech Republic as Guest of Honor

See SYCZ for the full program of the symposium.

SYCZ 1.1	Thu	9:30–10:00	H4	Crystal symmetries and transport phenomena in antiferromagnets — ●TOMAS JUNGWIRTH
SYCZ 1.2	Thu	10:00–10:30	H4	Terahertz subcycle charge and spin control — ●RUPERT HUBER
SYCZ 1.3	Thu	10:30–11:00	H4	1D molecular system on surfaces — ●PAVEL JELINEK
SYCZ 1.4	Thu	11:15–11:45	H4	Tunneling microscopy on insulators provides access to out-of-equilibrium charge states — ●JASCHA REPP
SYCZ 1.5	Thu	11:45–12:15	H4	Occam's razor and complex networks from brain to climate — ●JAROSLAV HLINKA
SYCZ 1.6	Thu	12:15–12:45	H4	Long range temporal correlations in complex systems — ●HOLGER KANTZ

Sessions

VA 1.1–1.4	Sun	16:00–18:20	H2	Next generation of SI-Units (joint session VA/TT/TUT)
VA 2.1–2.5	Mon	9:30–12:15	H6	Vacuum Metrology
VA 3.1–3.1	Mon	12:30–13:00	H32	Gaede Prize Talk: Selina Olthoff (joint session PRV/DS/VA)
VA 4.1–4.2	Mon	14:00–15:25	H6	New Vacuum Gauges - Development and Characterization
VA 5.1–5.3	Mon	15:25–17:05	H6	Vacuum Measurement in Technical Applications
VA 6	Mon	17:15–18:00	H6	Annual General Meeting of the Vacuum Science and Technology Division

Annual General Meeting of the Vacuum Science and Technology Division

Monday 17:15–18:00 H6

- Bericht
- Verschiedenes