

SURFACE PHYSICS

OBERFLÄCHENPHYSIK (O)

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OVERVIEW OF INVITED TALKS AND SESSIONS

(lecture rooms TRE Phys, PHY C213, WIL A317, WIL B321, WIL C207, HSZ 02)

Invited Talks

O 1.1	Mon	09:30	(TRE Phys)	Structure defines the nanoworld: Thin films, surfaces and nano-particles , <u>Christian Kumpf</u>
O 2.1	Mon	10:15	(TRE Phys)	Ab initio description of electronic excitations at surfaces , <u>Olivia Pulci</u>
O 8.1	Mon	14:00	(TRE Phys)	Electronic properties of SiC surfaces and interfaces - fundamental and technological aspects , <u>Th. Seyller</u>
O 15.1	Tue	09:30	(TRE Phys)	Control of coherent electron motion and adsorbate diffusion at surfaces by femtosecond laser excitation , <u>Jens Güdde</u>
O 16.1	Tue	10:15	(TRE Phys)	Ab initio Ice Growth at Metal Surfaces , <u>Angelos Michaelides</u>
O 22.1	Tue	14:00	(TRE Phys)	Understanding Scanning Tunneling Microscopy Experiments on Transition-Metal Structures , <u>Stefan Heinze</u>
O 23.1	Tue	14:45	(TRE Phys)	Organic molecule adsorption on solid surfaces: Chemical bonding, mutual polarisation and dispersion interaction* , <u>Wolf Gero Schmidt</u>
O 30.1	Thu	09:30	(TRE Phys)	Electronic control of molecular dynamics inside a single molecule; towards molecular nano-machines , <u>Gérald Dujardin</u> , <u>Geneviève Comtet</u> , <u>Mathieu Lastapis</u> , <u>Marta Martin</u> , <u>Damien Riedel</u>
O 31.1	Thu	10:15	(TRE Phys)	Scanning Tunneling Microscopy of Adsorbates on Insulating Films: From the Imaging of Individual Molecular Orbitals to the Manipulation of the Charge State , <u>Jascha Repp</u>
O 37.1	Thu	14:00	(TRE Phys)	Fuel Cells linking Catalysis and Electrochemistry. A challenge to Surface Science , <u>Jens R. Rostrup-Nielsen</u> , <u>N. Christiansen</u>
O 45.1	Fri	10:15	(TRE Phys)	Surface electron dynamics on the atomic scale , <u>Alexander Föhlisch</u>

Sessions

O 1	Invited talk Kumpf	Mon 09:30–10:15	TRE Phys	O 1.1–1.1
O 2	Invited talk Pulci	Mon 10:15–11:00	TRE Phys	O 2.1–2.1
O 3	Adsorption I	Mon 11:15–12:45	TRE Phys	O 3.1–3.6
O 4	Nanostructures I	Mon 11:15–13:00	PHY C213	O 4.1–4.7
O 5	Electronic structure I	Mon 11:15–13:00	WIL A317	O 5.1–5.7
O 6	Scanning probe techniques I	Mon 11:15–13:00	WIL B321	O 6.1–6.7
O 7	Surface reactions I	Mon 11:15–13:00	WIL C207	O 7.1–7.7
O 8	Invited talk Seyller	Mon 14:00–14:45	TRE Phys	O 8.1–8.1
O 9	Organic films I	Mon 15:00–17:45	TRE Phys	O 9.1–9.11
O 10	Semiconductor surfaces and interfaces	Mon 15:00–17:45	PHY C213	O 10.1–10.11
O 11	Epitaxy and growth I	Mon 15:00–17:30	WIL A317	O 11.1–11.10
O 12	Methods	Mon 15:00–17:15	WIL B321	O 12.1–12.9

O 13	Solid-liquid interfaces	Mon 15:00–17:45	WIL C207	O 13.1–13.11
O 14	Poster session I (Adsorption, Epitaxy and growth, Phase transitions, Surface reactions, Organic films, Electronic structure, Methods) (sponsored by Omicron Nanotechnology GmbH)	Mon 18:00–21:00	P2	O 14.1–14.79
O 15	Invited talk Gdde	Tue 09:30–10:15	TRE Phys	O 15.1–15.1
O 16	Invited talk Michaelides	Tue 10:15–11:00	TRE Phys	O 16.1–16.1
O 17	Adsorption II	Tue 11:15–13:00	TRE Phys	O 17.1–17.7
O 18	Nanostructures II	Tue 11:15–13:00	PHY C213	O 18.1–18.7
O 19	Electronic structure II	Tue 11:15–13:00	WIL A317	O 19.1–19.7
O 20	Epitaxy and growth II	Tue 11:15–13:00	WIL B321	O 20.1–20.7
O 21	Phase transitions	Tue 11:15–13:00	WIL C207	O 21.1–21.7
O 22	Invited talk Heinze (Gaede-Preis)	Tue 14:00–14:45	TRE Phys	O 22.1–22.1
O 23	Invited talk Schmidt	Tue 14:45–15:30	TRE Phys	O 23.1–23.1
O 24	Adsorption III	Tue 15:45–18:30	TRE Phys	O 24.1–24.11
O 25	Organic films II	Tue 15:45–18:30	PHY C213	O 25.1–25.11
O 26	Particles and clusters I	Tue 15:45–18:30	WIL A317	O 26.1–26.11
O 27	Scanning probe techniques II	Tue 15:45–18:45	WIL B321	O 27.1–27.12
O 28	Surface reactions II	Tue 15:45–18:30	WIL C207	O 28.1–28.11
O 29	Poster session II (Nanostructures, Magnetism, Particles and clusters, Scanning probe techniques, Time-resolved spectroscopy, Structure and dynamics, Semiconductor surfaces and interfaces, Oxides and insulators, Solid-liquid interfaces)	Wed 14:30–17:30	P2	O 29.1–29.84
O 30	Invited talk Dujardin	Thu 09:30–10:15	TRE Phys	O 30.1–30.1
O 31	Invited talk Repp	Thu 10:15–11:00	TRE Phys	O 31.1–31.1
O 32	Adsorption IV	Thu 11:15–13:00	TRE Phys	O 32.1–32.7
O 33	Scanning probe techniques III	Thu 11:15–13:00	PHY C213	O 33.1–33.7
O 34	Particles and clusters II	Thu 11:15–13:00	WIL A317	O 34.1–34.7
O 35	Organic films III	Thu 11:15–13:00	WIL B321	O 35.1–35.7
O 36	Structure and dynamics	Thu 11:15–13:00	WIL C207	O 36.1–36.7
O 37	Invited talk Rostrup-Nielsen	Thu 14:00–14:45	TRE Phys	O 37.1–37.1
O 38	Adsorption V	Thu 15:00–18:00	TRE Phys	O 38.1–38.12
O 39	Nanostructures III	Thu 15:00–18:00	PHY C213	O 39.1–39.12
O 40	Oxides and insulators	Thu 15:00–18:00	WIL A317	O 40.1–40.12
O 41	Electronic structure III	Thu 15:00–17:30	WIL B321	O 41.1–41.10
O 42	Symposium Electron transfer processes II	Thu 15:00–17:30	WIL C207	O 42.1–42.5
O 43	Time-resolved spectroscopy I	Thu 17:30–18:30	WIL C207	O 43.1–43.4
O 44	Postdeadline session	Thu 20:00–21:00	HSZ 02	O 44.1–44.1
O 45	Invited talk Fhlisch	Fri 10:15–11:00	TRE Phys	O 45.1–45.1
O 46	Adsorption VI	Fri 11:15–13:00	TRE Phys	O 46.1–46.7
O 47	Organic films IV	Fri 11:15–13:00	PHY C213	O 47.1–47.7
O 48	Nanostructures IV	Fri 11:15–13:00	WIL A317	O 48.1–48.7
O 49	Electronic structure IV	Fri 11:15–13:00	WIL B321	O 49.1–49.7
O 50	Time-resolved spectroscopy II	Fri 11:15–13:00	WIL C207	O 50.1–50.7

Annual General Meeting of the Section Surface Physics

Thu 19:30–20:00 HSZ 02

Preliminary agenda:

- Report of speaker
- Election of section speaker and vice speaker
- Other things

Postdeadline session O44

Thursday, 20:00-21:00, Lecture hall HSZ 02, 21:00-24:00 Restaurant of Leibniz-Institut IWF (Helmholtzstrasse)

Deadline for invitation is February 15, 2006

The session is sponsored by SPECS GmbH together with BESTEC GmbH, VTS CREATEC GmbH, and SURFACE CONCEPT.

JOINT SESSIONS WITH OTHER SECTIONS**Symposium SYET Ultrafast electron transfer processes at surfaces**

Thursday 10:00-13:00, HSZ 04

Together with sections MA, MM