Surface Science Division
Fachverband Oberflächenphysik (O)

Ulrike Diebold
Institute of Applied Physics, TU Wien
Wiedner Haupstrasse 8-10
1040 Vienna Austria
diebold@iap.tuwien.ac.at

Overview of Invited Talks and Sessions

(Lecture halls HSZ 01, 02, GER 37, 38, REC C 213, TRE Ma, Phy, WIL A317, B321, and C107;
Poster P1A, P1C, P2/EG, P2/1OG, P2/2OG)

Prize Talks Prepending Surface Science Sessions

PRV II	Mon	15:00–15:30	WIL B321	**Hartree-Fock simulation of hematite surfaces with *a posteriori* calculation of correlation energy** — •David Scholz, Thomas Stirner
PRV V	Wed	15:00–15:30	WIL A317	**Toward Atomic-Scale Optical Spectroscopy in Plasmonic STM Junctions** — •Takashi Kumagai

Invited Talks

O 5.1	Mon	10:30–11:00	GER 38	**Predominance of non-adiabatic effects in zero-point renormalization of electronic energies.** — •Xavier Gonze, Anna Miglio, Véronique Brousseau-Couture, Gabriel Antonius, Yang-Hao Chan, Steven Louie, Giantomassi Matteo, Michel Côté
O 6.2	Mon	10:45–11:15	REC C 213	**Excited State Dynamics at Interfaces with Organic Semiconductors** — •Petra Tegeder
O 7.4	Mon	11:15–11:45	TRE Ma	**Surface templating in on-surface synthesis: Directing the reaction pathway** — Antje Kutz, Md Taibur Rahman, Ville Haapasilta, Chiara Venturini, Ralf Bechstein, André Gourdon, Adam S. Foster, •Angelika Kühnle
O 11.1	Mon	10:30–11:00	WIL C107	**A microscopic view of graphene quantum Hall edge states with STM and AFM measurements** — •Joseph A. Stroscio
O 15.1	Mon	15:00–15:30	REC C 213	**Molecular nanostructures on metals vs. graphene: towards preserving functional properties** — •Meike Stöhr
O 16.3	Mon	15:30–16:00	TRE Ma	**Nanotuning via local work function control: Ethylene hydrogenation on supported Pt nanoclusters** — •Ueli Heiz, Marian D. Rötzer, Maximilian Krause, Andrew S. Crampton, Bokwon Yoon, Uzi Landman
O 17.4	Mon	15:45–16:15	TRE Phy	**Tales of 1000 and 1.2 electrons: Grand Canonical Simulations of Electrified Interfaces using Implicit Solvation Models** — •Nicolas G. Hörmann
O 17.7	Mon	16:45–17:15	TRE Phy	**Electrochemical microcalorimetry - measuring the entropy of electrochemical reactions** — •Rolf Schuster
O 18.1	Mon	15:00–15:30	WIL A317	**Probing Nanophotonic Modes and Optical Phase Shaping of Electron Beams in Ultrafast Transmission Electron Microscopy** — •Armin Feist
O 19.6	Mon	16:15–16:45	WIL C107	**Atomic scale neural circuitry capable of self-adaptation** — •Brian Kiraly
O 20.3	Mon	16:00–16:30	WIL B321	**Polarons in oxide surfaces** — •Cesare Franchini
O 41.2	Tue	10:45–11:15	TRE Ma	**Molecular switches at surfaces** — •Petra Rudolf
O 41.5	Tue	11:45–12:15	TRE Ma	**Molecular Nanoprobe - utilizing a single molecule as detector** — •Markus Leisegang
O 42.1	Tue	10:30–11:00	TRE Phy	**Exploring the Design Space of Organic Semiconductors with Machine Learning** — •Harald Oberhofer

O 42.2	Tue	11:00–11:30	TRE Phy	**Machine learning for molecular nanorobotics** — •Christian Wagner
O 42.8	Tue	12:45–13:15	TRE Phy	**Theory-informed Machine Learning for Interface Structure Reconstruction from Experimental Data** — Eric Schwenker, Chaitanya Kolluru, Spencer Hills, Arun Mannodi Kanakkithodi, Fatih Sen, Michael Sternberg, •Maria Chan
O 44.1	Tue	10:30–11:00	WIL B321	**Attosecond coherent manipulation of electrons in tunneling microscopy** — •Manish Garg, Klaus Kern
O 44.7	Tue	12:15–12:45	WIL B321	**Ultrafast dynamics of charge transfer and Frenkel excitons in molecular thin films** — •Benjamin Stadtmüller
O 45.3	Tue	11:00–11:30	WIL C107	**In-situ identification of catalytically active surface sites using electrochemical STM** — •Aliaksandr Bandarenka
O 61.1	Wed	10:30–11:00	GER 38	**Hybrid Perovskites: polarons, excitons and phase diagrams** — •Georg Kresse, Menno Bokdam, Ryosuke Jinnouchi
O 62.1	Wed	10:30–11:00	REC C 213	**Towards FAIR experimental data** — •Claudia Draxl
O 62.7	Wed	12:15–12:45	REC C 213	**Reproducible data analysis with Snakemake** — •Johannes Köster
O 63.2	Wed	10:45–11:15	TRE Ma	**The art of molecular manipulation with the scanning tunneling microscope: controlled rotations** — •Nicolas Lorente
O 64.9	Wed	12:30–13:00	TRE Phy	**On-surface Chemical Reactions of Heterocycles for Functional Nanomaterials** — •Shi-Xia Liu
O 67.1	Wed	10:30–11:00	WIL C107	**The shiniest gold (111) surface** — Weronica Linpe, Jonas Evertsson, Giuseppe Abbondanza, Alfred Larsson, Gary Harlow, Johan Zetterberg, Lisa Rämisch, Sebastian Pfaff, •Edvin Lundgren
O 70.1	Wed	15:00–15:30	GER 38	**Electron-phonon interactions in realistic materials** — •Fabio Caruso
O 71.1	Wed	15:00–15:30	REC C 213	**Detection of strong interaction between electrons and antiferromagnetic magnons in $Ba_{1-x}K_xMn_2As_2$** — Tianlun Yu, Rui Peng, Guanghan Cao, •Haichao Xu, Donglai Feng
O 73.3	Wed	15:30–16:00	TRE Phy	**1.*Real-space investigation of the influence of polar species on ice structure** — •Karina Morgenstern
O 99.3	Thu	11:00–11:30	GER 38	**Exploration of complex interfacial networks and 2D tesselations** — •Johannes V Barth
O 102.1	Thu	10:30–11:00	TRE Phy	**Video STM of particle diffusion on crowded surfaces** — •Joost Wintterlin
O 106.1	Thu	15:00–15:30	GER 38	**Huge quantum effects on the 250 K superconducting lanthanum hydride** — •Ion Errea
O 107.5	Thu	16:00–16:30	REC C 213	**Coupling of electronic and atomic degrees of freedom in surface-stabilized quasi-1D systems** — •Wolf Gero Schmidt
O 112.1	Thu	15:00–15:30	WIL C107	**Positron Beams for Elemental and Structure Analysis of Surfaces** — •Christoph Hugenschmidt
O 119.1	Fri	10:30–11:00	REC C 213	**theoretical studies on the state and fate of single atom catalysts: from hydroformylation to CO oxidation** — •Felix Studt
O 120.1	Fri	10:30–11:00	TRE Ma	**Ultrafast charge transfer dynamics in 2D heterostructures** — •Giulio Cerullo, Stefano Dal Conte, Zilong Wang, Chiara Trovatello
O 120.3	Fri	11:15–11:45	TRE Ma	**Dynamic non-linear multi-frequency analysis: investigating the electron-transfer theory** — •Fabio La Mantia
O 120.7	Fri	12:30–13:00	TRE Ma	**Resolving Chemical Bond Dynamics at an Electrode Surface** — •Tanja Cuk
O 121.3	Fri	11:00–11:30	TRE Phy	**Photoelectron spectroscopy at liquid/solid interfaces** — •Hendrik Bluhm

Invited talks of the joint symposium SYSD

See SYSD for the full program of the symposium.

SYSD 1.1	Mon	9:30– 9:55	HSZ 02	**Disentangling transport in topological insulator thin films down to the nanoscale** — •Felix Lüpke
SYSD 1.2	Mon	9:55–10:20	HSZ 02	**Spintronics with Terahertz Radiation: Probing and driving spins at highest frequencies** — •Tom Sebastian Seifert, Tobias Kampfrath

SYSD 1.3	Mon	10:20–10:45	HSZ 02	**Non-radiative voltage losses in organic solar cells** — •Johannes Benduhn
SYSD 1.4	Mon	10:45–11:10	HSZ 02	**Multivalent ions for tuning the phase behaviour of protein solutions** — •Olga Matsarskaia
SYSD 1.5	Mon	11:10–11:35	HSZ 02	**Network Dynamics under Constraints** — •Malte Schröder
SYSD 1.6	Mon	11:35–12:00	HSZ 02	**Exciton spectroscopy of van der Waals heterostructures** — •Philipp Nagler

Invited talks of the joint symposium SYAS

See SYAS for the full program of the symposium.

SYAS 1.1	Mon	15:00–15:30	HSZ 02	**Ultrafast Coherent Spin-Lattice Interactions in Ferromagnets** — •Steven L. Johnson
SYAS 1.2	Mon	15:30–16:00	HSZ 02	**Ab-initio treatment of ultrafast spin-dynamics** — •Sangeeta Sharma, J. K. Dewhurst
SYAS 1.3	Mon	16:00–16:30	HSZ 02	**Light-wave driven Spin Dynamics** — •Martin Schultze, Sangeeta Sharma, Markus Münzenberg
SYAS 1.4	Mon	16:45–17:15	HSZ 02	**All-coherent subcycle switching of spins by THz near fields** — •Christoph Lange
SYAS 1.5	Mon	17:15–17:45	HSZ 02	**Ultrafast optically-induced spin transfer in ferromagnetic alloys** — •Stefan Mathias

Invited talks of the joint symposium SYBD

See SYBD for the full program of the symposium.

SYBD 1.1	Tue	9:30–10:00	HSZ 02	**Materials innovation driven by data and knowledge systems** — •Surya Kalidindi
SYBD 1.2	Tue	10:00–10:30	HSZ 02	**Network Theory Meets Materials Science** — •Chris Wolverton, Murat Aykol, Vinay Hegde
SYBD 1.3	Tue	10:30–11:00	HSZ 02	**Verification and error estimates for ab initio data** — •Claudia Draxl
SYBD 1.4	Tue	11:15–11:45	HSZ 02	**Identifying Domains of Applicability of Machine Learning Models for Materials Science** — •Mario Boley, Christopher Sutton, Luca M. Ghiringhelli, Matthias Rupp, Jilles Vreeken, Matthias Scheffler
SYBD 1.5	Tue	11:45–12:15	HSZ 02	**Deep learning of low-dimensional latent space molecular simulators** — •Andrew Ferguson

Invited talks of the joint symposium SYWH

See SYWH for the full program of the symposium.

SYWH 1.1	Wed	15:00–15:30	HSZ 02	**Engineering 2D materials with a twist** — •Cory Dean
SYWH 1.2	Wed	15:30–16:00	HSZ 02	**Flat Bands and Correlated Electronic States in Two Dimensional Atomic Crystals** — •Eva Y. Andrei
SYWH 1.3	Wed	16:00–16:30	HSZ 02	**Lightwave electronics and valleytronics in van der Waals layered materials** — •Rupert Huber
SYWH 1.4	Wed	16:30–17:00	HSZ 02	**Interaction and Topological Effects in Atomically Thin Two-dimensional Materials** — •Steven G. Louie
SYWH 1.5	Wed	17:00–17:30	HSZ 02	**Excitons in 2D Semiconductors and Heterostructures** — •Alexander Högele

Invited talks of the joint symposium SYED

See SYED for the full program of the symposium.

SYED 1.1	Thu	9:30–10:00	HSZ 01	**Ultrafast electron dynamics at laser-irradiated surfaces** — •Baerbel Rethfeld

SYED 1.2	Thu	10:00–10:30	HSZ 01	**Unraveling Momentum-Dependent Electron-Phonon Coupling and its Role in the Origin of Charge Density Wave Phases** — •Bradley Siwick, Martin Otto, Jan-Hendrik Pohls, Laurent Rene de Cotret, Mark Sutton
SYED 1.3	Thu	10:30–11:00	HSZ 01	**Light MATTERs!!!** — •Hrvoje Petek, Andi Li, Zehua Wang, Marcel Reutzel
SYED 1.4	Thu	11:15–11:45	HSZ 01	**Quantum localization and delocalization of charge carriers in molecular organic crystals** — •Jochen Blumberger
SYED 1.5	Thu	11:45–12:15	HSZ 01	**Single-Atom Catalysis (SAC): How Structure Influences Reactivity** — •Gareth Parkinson

Invited talks of the joint symposium SYES

See SYES for the full program of the symposium.

SYES 1.1	Thu	9:30–10:00	HSZ 02	**Understanding the physical variables driving mechanosensing** — •Pere Roca-Cusachs
SYES 1.2	Thu	10:00–10:30	HSZ 02	**Mechanics of life: Cellular forces and mechanics far from thermodynamic equilibrium** — •Timo Betz
SYES 1.3	Thu	10:30–11:00	HSZ 02	**A hydrodynamic approach to collective cell migration in epithelial tissues** — •Jaume Casademunt
SYES 1.4	Thu	11:15–11:45	HSZ 02	**The spindle is a composite of two permeating polar gels** — David Oriola, Benjamin Dalton, Franziska Decker, Frank Julicher, •Jan Brugues
SYES 1.5	Thu	11:45–12:15	HSZ 02	**Adding magnetic properties to epitaxial graphene** — •Rodolfo Miranda
SYES 2.1	Thu	15:00–15:30	HSZ 01	**Interactions in assemblies of surface-mounted magnetic molecules** — •Wolfgang Kuch
SYES 2.2	Thu	15:30–16:00	HSZ 01	**Towards phononic circuits based o optomechanics** — •Clivia M. Sotomayor-Torres
SYES 2.3	Thu	16:00–16:30	HSZ 01	**Optical properties of 2D materials and heterostructures** — •Janina Maultzsch
SYES 2.4	Thu	16:45–17:15	HSZ 01	**Bringing nanophotonics to the atomic scale** — •Javier Aizpurua
SYES 2.5	Thu	17:15–17:45	HSZ 01	**Infrared signatures of the coupling between vibrational and plasmonic excitations** — •Annemarie Pucci

Invited talks of the joint symposium SYDW

See SYDW for the full program of the symposium.

SYDW 1.1	Thu	15:00–15:30	HSZ 02	**Statics and Dynamics of Soft Wetting** — •Bruno Andreotti
SYDW 1.2	Thu	15:30–16:00	HSZ 02	**Modelling imbibition, dynamic wetting and evaporation on structured surfaces and porous coatings** — •Tatiana Gambaryan-Roisman, Noemi Ghillani
SYDW 1.3	Thu	16:00–16:30	HSZ 02	**Droplets on shaped liquid and electrically switchable surfaces** — •Glen McHale
SYDW 1.4	Thu	16:45–17:15	HSZ 02	**Liquid-liquid Dewetting: From Spinodal Breakup to Dewetting Morphologies and Rates** — •Ralf Seemann, Stefan Bommer, Roghayeh Shiri, Sebastian Jachalski, Dirk Peschka, Barbara Wagner
SYDW 1.5	Thu	17:15–17:45	HSZ 02	**Droplet durotaxis and engulfment on yielding viscoelastic gels** — •Anne Juel

Sessions

O 1.1–1.3	Mon	9:30–11:00	CHE 89	**Focus Session: Topological Phenomena in Synthetic Matter I (joint session DS/O)**
O 2.1–2.11	Mon	9:30–13:00	POT 151	**Heterostructures, interfaces and surfaces (joint session HL/O)**
O 3.1–3.12	Mon	9:30–13:00	POT 81	**2D semiconductors and van der Waals heterostructures I (joint session HL/DS/O)**

O 4.1–4.1	Mon	9:30–10:15	TRE Phy	**Overview Talk: Martin Aeschlimann**
O 5.1–5.8	Mon	10:30–12:45	GER 38	**Frontiers in Electronic-Structure Theory - Focus on Electron-Phonon Interactions I (joint session O/HL/CPP/DS)**
O 6.1–6.11	Mon	10:30–13:30	REC C 213	**Organic Molecules on Inorganic Substrates I: Electronic, Optical and other Properties**
O 7.1–7.12	Mon	10:30–13:45	TRE Ma	**Focus Session: Functional Molecules at Surfaces I**
O 8.1–8.11	Mon	10:30–13:15	TRE Phy	**Ultrafast Electron Dynamics I: Surfaces and Interfaces (joint session O/MA)**
O 9.1–9.13	Mon	10:30–13:45	WIL A317	**Plasmonics and Nanooptics I: Local Probes and Raman (joint session O/CPP)**
O 10.1–10.13	Mon	10:30–13:45	WIL B321	**Oxides I: Growth and Characterization**
O 11.1–11.12	Mon	10:30–13:45	WIL C107	**2D Materials I: Electronic Structure, Excitations, etc. (joint session O/CPP/HL)**
O 12.1–12.2	Mon	11:15–12:15	CHE 89	**Focus Session: Topological Phenomena in Synthetic Matter II (joint session DS/O)**
O 13.1–13.3	Mon	11:30–12:15	ZEU 255	**2D Materials (joint session CPP/O)**
O 14.1–14.10	Mon	15:00–17:30	GER 38	**Frontiers in Electronic-Structure Theory - Focus on Electron-Phonon Interactions II (joint session O/HL/CPP/DS)**
O 15.1–15.11	Mon	15:00–18:00	REC C 213	**Organic Molecules on Inorganic Substrates II: Mainly Porphyrins**
O 16.1–16.12	Mon	15:00–18:15	TRE Ma	**Nanoscale Heterogeneous Catalysis**
O 17.1–17.9	Mon	15:00–17:45	TRE Phy	**Solid-Liquid Interfaces I: Reactions and Electrochemistry**
O 18.1–18.11	Mon	15:00–18:00	WIL A317	**Plasmonics and Nanooptics II: Ultrafast and Nonlinear Phenomena (joint session O/CPP)**
O 19.1–19.12	Mon	15:00–18:15	WIL C107	**2D Materials II: Electronic Structure, Excitations, etc. (joint session O/CPP/HL)**
O 20.1–20.11	Mon	15:30–18:30	WIL B321	**Oxides II: Structures, Interactions and Reducibility**
O 21.1–21.3	Mon	16:30–17:15	ZEU 260	**Interfaces and Thin Films I (joint session CPP/O/DY)**
O 22.1–22.8	Mon	18:15–20:00	P1A	**Poster Session - 2D Materials Beyond Graphene: Growth, Structure and Substrate Interaction**
O 23.1–23.2	Mon	18:15–20:00	P1A	**Poster Session - Electron-Driven Processes at Surfaces and Interfaces**
O 24.1–24.3	Mon	18:15–20:00	P1A	**Poster Session - Electronic-Structure Theory: General**
O 25.1–25.3	Mon	18:15–20:00	P1A	**Poster Session - Focus Sessions: Innovation in Machine learning PRocEsses for Surface Science (IMPRESS)**
O 26.1–26.4	Mon	18:15–20:00	P1A	**Poster Session - Graphene: Growth, Structure and Substrate Interaction**
O 27.1–27.2	Mon	18:15–20:00	P1A	**Poster Session - Graphene: Electronic Structure, Excitations, etc.**
O 28.1–28.11	Mon	18:15–20:00	P1A	**Poster Session - Scanning Probe techniques: Method Development**
O 29.1–29.3	Mon	18:15–20:00	P1A	**Poster Session - Solid-liquid Interfaces: Structure, Spectroscopy**
O 30.1–30.11	Mon	18:15–20:00	P1A	**Poster Session - Surface Magnetism**
O 31.1–31.7	Mon	18:15–20:00	P1C	**Poster Session - Metal substrates: Structure, Epitaxy and Growth**
O 32.1–32.13	Mon	18:15–20:00	P1C	**Poster Session - Organic Molecules on Inorganic Substrates: Adsorption and Growth**
O 33.1–33.11	Mon	18:15–20:00	P1C	**Poster Session - Plasmonics and Nanooptics: Applications and other Aspects**
O 34.1–34.8	Mon	18:15–20:00	P1C	**Poster Session - Topological Insulators**
O 35.1–35.5	Mon	18:15–20:00	P1C	**Poster Session - Tribology: Surfaces and Nanostructures**
O 36.1–36.8	Tue	9:30–11:30	CHE 89	**2D Materials and their Heterostructures I (joint session DS/O/HL)**
O 37.1–37.1	Tue	9:30–10:15	TRE Phy	**Overview Talk: Bjørk Hammer**
O 38.1–38.12	Tue	9:30–13:00	ZEU 260	**Interfaces and Thin Films II (joint session CPP/O/DY)**
O 39.1–39.13	Tue	10:30–13:45	GER 38	**2D Materials III: Growth and Heterostructures (joint session O/HL)**

O 40.1–40.10	Tue	10:30–13:00	REC C 213	**Organic Molecules on Inorganic Substrates III: Electronic, Optical and other Properties**
O 41.1–41.8	Tue	10:30–13:00	TRE Ma	**Focus Session: Functional Molecules at Surfaces II**
O 42.1–42.8	Tue	10:30–13:15	TRE Phy	**Focus Session: Innovation in Machine learning PRocEsses for Surface Science (IMPRESS)**
O 43.1–43.13	Tue	10:30–13:45	WIL A317	**Plasmonics and Nanooptics III: Periodic Structures and Theory**
O 44.1–44.10	Tue	10:30–13:30	WIL B321	**Ultrafast Electron Dynamics II (joint session O/MA)**
O 45.1–45.11	Tue	10:30–13:30	WIL C107	**Solid-Liquid Interfaces II: Reactions and Electrochemistry**
O 46.1–46.8	Tue	14:00–16:00	POT 81	**2D semiconductors and van der Waals heterostructures IV (joint session HL/DS/O)**
O 47.1–47.15	Tue	18:15–20:00	P2/EG	**Poster Session - 2D Materials: Electronic Structure, Excitations, etc.**
O 48.1–48.12	Tue	18:15–20:00	P2/EG	**Poster Session - Electronic Structure of Surfaces: Spectroscopy, Surface States**
O 49.1–49.10	Tue	18:15–20:00	P2/EG	**Poster Session - Organic Molecules on Inorganic Substrates: Electronic, Optical and Other**
O 50.1–50.12	Tue	18:15–20:00	P2/EG	**Poster Session - Plasmonics and Nanooptics: Fabrication and Characterization**
O 51.1–51.3	Tue	18:15–20:00	P2/1OG	**Poster Session - Metal Substrates: Adsorption and Reaction of Small Molecules**
O 52.1–52.12	Tue	18:15–20:00	P2/1OG	**Poster Session - New Methods: Experiments**
O 53.1–53.5	Tue	18:15–20:00	P2/1OG	**Poster Session - Oxides and Insulators: Adsorption and Reaction of Small Molecules**
O 54.1–54.2	Tue	18:15–20:00	P2/1OG	**Poster Session - Semiconductor substrates: Adsorption and Reaction of Small Molecules**
O 55.1–55.5	Tue	18:15–20:00	P2/2OG	**Poster Session - Nanostructured Surfaces and Thin Films**
O 56.1–56.5	Tue	18:15–20:00	P2/2OG	**Poster Session - Nanostructures at Surfaces: Dots, Particles, Clusters**
O 57.1–57.3	Tue	18:15–20:00	P2/2OG	**Poster Session - Surface Dynamics: Phase Transitions and Elementary Processes**
O 58.1–58.8	Tue	18:15–20:00	P2/2OG	**Poster Session - Ultrafast Electron Dynamics at Surface and Interfaces**
O 59.1–59.12	Wed	9:30–13:00	POT 81	**2D semiconductors and van der Waals heterostructures V (joint session HL/DS/O)**
O 60.1–60.1	Wed	9:30–10:15	TRE Phy	**Overview Talk: Leo Gross**
O 61.1–61.11	Wed	10:30–13:30	GER 38	**Frontiers in Electronic-Structure Theory - Focus on Electron-Phonon Interactions III (joint session O/HL/CPP/DS)**
O 62.1–62.9	Wed	10:30–13:15	REC C 213	**Focus Session: Big Data in Aquisition in ARPES (joint session O/CPP)**
O 63.1–63.12	Wed	10:30–13:45	TRE Ma	**Focus Session: Functional Molecules at Surfaces III**
O 64.1–64.12	Wed	10:30–13:45	TRE Phy	**Organic Molecules on Inorganic Substrates IV: Adsorption, Growth and Networks**
O 65.1–65.12	Wed	10:30–13:30	WIL A317	**Plasmonics and Nanooptics IV: Waveguides and Antennas**
O 66.1–66.13	Wed	10:30–13:45	WIL B321	**2D Materials IV: Interfacial Interactions (joint session O/HL/CPP)**
O 67.1–67.11	Wed	10:30–13:30	WIL C107	**Solid-Liquid Interfaces III: OER, ORR, CO2RR, etc.**
O 68.1–68.4	Wed	15:00–17:15	HSZ 04	**PhD Focus Session: Symposium on "Magnetism – A Potential Platform for Big Data?" (joint session MA/AKjDPG/O)**
O 69.1–69.4	Wed	15:00–16:00	GER 37	**Tribology: Surfaces and Nanostructures (joint session O/CPP)**
O 70.1–70.9	Wed	15:00–17:30	GER 38	**Frontiers in Electronic-Structure Theory - Focus on Electron-Phonon Interactions IV (joint session O/CPP/DS/HL)**
O 71.1–71.9	Wed	15:00–17:30	REC C 213	**Electronic Structure of Surfaces I**
O 72.1–72.10	Wed	15:00–17:30	TRE Ma	**Scanning Probe Techniques I: STM-ESR and Method Development (joint session O/CPP)**
O 73.1–73.12	Wed	15:00–18:15	TRE Phy	**Organic Molecules on Inorganic Substrates V: Adsorption, Growth and Networks**

O 74.1–74.10	Wed	15:00–17:30	WIL B321	**Nanostructured Surfaces and Thin Films I: Synthesis and Properties (joint session O/CPP)**
O 75.1–75.8	Wed	15:00–17:00	WIL C107	**Metal Substrates: Growth Studies**
O 76.1–76.11	Wed	15:30–18:15	WIL A317	**Plasmonics and Nanooptics V: Tunable Structures and Nanoparticles (joint session O/CPP)**
O 77.1–77.8	Wed	18:15–20:00	P2/EG	**Poster Session - 2D Materials: Stacking and Heterostructures**
O 78.1–78.3	Wed	18:15–20:00	P2/EG	**Poster Session - Focus Session: Functional Molecules at Surfaces - Motion and Intramolecular Processes**
O 79.1–79.5	Wed	18:15–20:00	P2/EG	**Poster Session - Frontiers in Electronic-Structure Theory - Focus on Electron-Phonon Interaction**
O 80.1–80.6	Wed	18:15–20:00	P2/EG	**Poster Session - Graphene: Adsorption, Intercalation and Doping**
O 81.1–81.3	Wed	18:15–20:00	P2/EG	**Poster Session - New Methods: Theory**
O 82.1–82.2	Wed	18:15–20:00	P2/EG	**Poster Session - Organic Molecules on Inorganic Substrates: Networks and Overlayers**
O 83.1–83.14	Wed	18:15–20:00	P2/EG	**Poster Session - Plasmonics and Nanooptics: Light-Matter Interaction, Spectroscopy**
O 84.1–84.14	Wed	18:15–20:00	P2/EG	**Poster Session - Solid-Liquid Interfaces: Reactions and Electrochemisty**
O 85.1–85.3	Wed	18:15–20:00	P2/EG	**Poster Session - Supported Nanoclusters: Structure, Reactions, Catalysis**
O 86.1–86.9	Wed	18:15–20:00	P2/EG	**Poster Session - Organic Molecules on Inorganic Substrates: Electronic, Optical and other Properties II**
O 87.1–87.8	Wed	18:15–20:00	P2/1OG	**Poster Session - Nanostructures at Surfaces: 1D and 2D Structures and Networks**
O 88.1–88.1	Wed	18:15–20:00	P2/1OG	**Poster Session - Nanostructures at Surfaces: Other Aspects**
O 89.1–89.5	Wed	18:15–20:00	P2/1OG	**Poster Session - Oxide and Insulator Surfaces: Structure, Epitaxy and Growth**
O 90.1–90.2	Wed	18:15–20:00	P2/1OG	**Poster Session - Semiconductor Substrates: Metallic Nanowires, Overlayers, etc.**
O 91.1–91.3	Wed	18:15–20:00	P2/1OG	**Poster Session - Semiconductor Substrates: Structure, Epitaxy and Growth**
O 92.1–92.8	Wed	18:15–20:00	P2/1OG	**Poster Session - Ultrafast Electron Dynamics at Surface and Interfaces II**
O 93.1–93.8	Thu	9:30–12:00	HSZ 101	**Surface Magnetism (joint session MA/O)**
O 94.1–94.5	Thu	9:30–10:45	CHE 89	**2D Materials and their Heterostructures II (joint session DS/O/HL)**
O 95.1–95.5	Thu	9:30–10:45	CHE 91	**Thin Oxides and Oxide Layers I (joint session DS/HL/O)**
O 96.1–96.1	Thu	9:30–10:15	TRE Phy	**Overview Talk: Charlie Sykes**
O 97.1–97.13	Thu	9:30–13:00	ZEU 255	**Wetting and Liquids at Interfaces and Surfaces I (joint session CPP/O/DY)**
O 98.1–98.6	Thu	10:30–12:00	GER 37	**Graphene I: Growth, Structure and Substrate Interaction (joint session O/TT)**
O 99.1–99.11	Thu	10:30–13:30	GER 38	**Organic Molecules on Inorganic Substrates VI: Adsorption, Growth and Networks**
O 100.1–100.10	Thu	10:30–13:00	REC C 213	**Electronic Structure of Surfaces II**
O 101.1–101.5	Thu	10:30–13:00	TRE Ma	**Ertl Young Investigator Award Competition**
O 102.1–102.11	Thu	10:30–13:30	TRE Phy	**Heterogeneous Catalysis on Metals**
O 103.1–103.11	Thu	10:30–13:15	WIL A317	**Topology and Symmetry Protected Materials I**
O 104.1–104.9	Thu	10:30–12:45	WIL B321	**Ultrafast Electron Dynamics III (joint session O/MA)**
O 105.1–105.9	Thu	10:30–12:45	WIL C107	**Scanning Probe Techniques II: Method Development (joint session O/CPP)**
O 106.1–106.9	Thu	15:00–17:30	GER 38	**Frontiers in Electronic-Structure Theory - Focus on Electron-Phonon Interactions V (joint session O/HL/DS/CPP)**
O 107.1–107.9	Thu	15:00–17:30	REC C 213	**Semiconductor Surfaces (joint session O/HL)**
O 108.1–108.11	Thu	15:00–17:45	TRE Ma	**Electron-Driven Processes at Surfaces and Interfaces**
O 109.1–109.10	Thu	15:00–17:30	TRE Phy	**Heterogeneous Catalysis on Metal Oxides**
O 110.1–110.12	Thu	15:00–18:00	WIL A317	**Surface Magnetism I (joint session O/MA)**

O 111.1–111.9	Thu	15:00–17:15	WIL B321	**Nanostructured Surfaces and Thin Films II: 1D and 2D Systems (joint session O/CPP)**
O 112.1–112.9	Thu	15:00–17:30	WIL C107	**Development of Novel Methods I**
O 113	Thu	19:00–19:30	HSZ 01	**Annual General Meeting of the Surface Science Division**
O 114	Thu	19:30–20:30	HSZ 01	**Post-Deadline Talks**
O 115.1–115.1	Fri	9:30–10:15	TRE Phy	**Overview Talk: Susan Stipp**
O 116.1–116.9	Fri	9:30–12:15	ZEU 260	**Wetting and Liquids at Interfaces and Surfaces II (joint session CPP/DY/O)**
O 117.1–117.8	Fri	10:30–12:30	GER 37	**Graphene II: Adsorption, Intercalation and Doping (joint session O/TT)**
O 118.1–118.13	Fri	10:30–13:45	GER 38	**Surface Magnetism II (joint session O/MA)**
O 119.1–119.8	Fri	10:30–12:45	REC C 213	**Oxides III: Single-Atom Catalysis, Iron Oxides**
O 120.1–120.7	Fri	10:30–13:00	TRE Ma	**Focus Session: Nonequilibrium Electron Transfer Across Interfaces in Real Time**
O 121.1–121.11	Fri	10:30–13:30	TRE Phy	**Solid-Liquid Interface IV: Structure and Spectroscopy**
O 122.1–122.10	Fri	10:30–13:00	WIL A317	**Topology and Symmetry Protected Materials II**
O 123.1–123.10	Fri	10:30–13:00	WIL B321	**Nanostructured Surfaces and Thin Films III: Dots, Particles, Clusters (joint session O/CPP)**
O 124.1–124.12	Fri	10:30–13:30	WIL C107	**Development of Novel Methods II**
O 125.1–125.1	Fri	14:00–14:45	HSZ 02	**Overview Talk: Roland Wiesendanger (joint session O/CPP/DS)**

Annual General Meeting of the Surface Science Division

Thursday 19:00–19:30 HSZ 01

- Bericht
- Wahl
- Verschiedenes