

## Surface Science Division Fachverband Oberflächenphysik (O)

Karsten Reuter  
Fritz Haber Institute of the Max Planck Society  
Faradayweg 4-6  
14195 Berlin  
reuter@fhi-berlin.mpg.de

### Overview of Invited Talks and Sessions

#### Key Notes

O 2.1	Mon	10:00–10:30	R1	<b>Chasing excited electrons in energy, momentum space, and time</b> — •MARTIN AESCHLIMANN
O 28.1	Mon	15:30–16:00	R1	<b>Physical chemistry and chemical physics of environmental interfaces</b> — •VICKI GRASSIAN
O 29.1	Tue	10:00–10:30	R1	<b>Electrochemistry of platinum: new views on an old problem</b> — •MARC KOPER
O 56.1	Tue	15:30–16:00	R1	<b>Meta-stable intermediates of OER catalysis: connecting their time- resolved spectra to thermodynamic descriptors</b> — •TANJA CUK, ILYA VINO- GRADOV, ARITRA MANDAL, SURYANSH SINGH, HANNA LYLE
O 57.1	Wed	10:00–10:30	R1	<b>Tunneling spectroscopy of magnetic adatoms on superconductors</b> — •KATHARINA J. FRANKE
O 84.1	Wed	15:30–16:00	R1	<b>Surface structure by way of machine learning</b> — •BJØRK HAMMER
O 85.1	Thu	10:00–10:30	R1	<b>On-surface reactions and molecular charge-state transitions by atom ma- nipulation</b> — KATHARINA KAISER, SHADI FATAYER, FLORIAN ALBRECHT, •LEO GROSS
O 111.1	Thu	15:30–16:00	R1	<b>Light-matter interaction at the atomic scale</b> — •KLAUS KERN

#### Invited Talks

O 3.1	Mon	10:30–11:00	R1	<b>Actuating and probing a single-molecule switch at femtosecond timescales</b> — DOMINIK PELLER, CARMEN ROELCKE, LUKAS Z. KASTNER, THOMAS BUCH- NER, ALEXANDER NEEF, JOHANNES HAYES, FLORIAN ALBRECHT, RUPERT HU- BER, •JASCHA REPP
O 3.2	Mon	11:00–11:15	R1	<b>Real space-time imaging of valence electron motion in molecules</b> — •MANISH GARG
O 3.3	Mon	11:15–11:45	R1	<b>Ultrafast structural phase transitions probed by low-energy electron diffraction</b> — •CLAUS ROPERS
O 3.4	Mon	11:45–12:00	R1	<b>Probing the ultrafast electron dynamics in the quantum spin Hall system Bismuthene with time-resolved ARPES</b> — •JULIAN MAKLAR, RAUL STÜH- LER, MACIEJ DENDZIK, TOMMASO PINCELLI, SHUO DONG, SAMUEL BEAULIEU, MARTIN WOLF, RALPH ERNSTORFER, RALPH CLAESSEN, LAURENZ RETTIG
O 3.5	Mon	12:00–12:30	R1	<b>Atomic-resolution imaging of THz-driven dynamics on charge-ordered surfaces</b> — •SEBASTIAN LOTH
O 4.1	Mon	10:30–11:00	R2	<b>Ion permeation across atomically thin materials</b> — •MARCELO LOZADA- HIDALGO
O 4.4	Mon	11:30–12:00	R2	<b>Macroscopic Two-Dimensional Polymers: Synthesis and Structure Con- trol</b> — •ZHIKUN ZHENG

O 15.1	Mon	13:30–14:00	R1	<b>The ultrafast Einstein-de Haas effect triggered by ultrafast demagnetization</b> — ●STEVEN L. JOHNSON, CHRISTIAN DORNES, YVES ACREMANN, MATTEO SAVOINI, MARTIN KUBLI, MARTIN J. NEUGEBAUER, ELSA ABREU, LUCAS HUBER, GABRIEL LANTZ, CARLOS A. F. VAZ, HENRIK LEMKE, ELIZABETH M. BOTSCHAFTER, MICHAEL PORER, VINCENT ESPOSITO, LAURENZ RETTIG, MICHAEL BUZZI, AURORA ALBERCA, YOAV W. WINDSOR, PAUL BEAUD, URS STAUB, DILING ZHU, SANGHOON SONG, JAMES M. GLOWNIA
O 16.1	Mon	13:30–14:00	R2	<b>Combining 2D materials and optical metasurfaces</b> — ●ISABELLE STAUDE
O 16.4	Mon	14:30–15:00	R2	<b>Electronic properties of freestanding ultra-thin small-molecular and multilayer graphene films</b> — ●THOMAS WEITZ
O 17.1	Mon	13:30–14:00	R3	<b>Predominance of non-adiabatic effects in zero-point renormalization of electronic energies</b> — ●XAVIER GONZE, ANNA MIGLIO, VÉRONIQUE BROUSSEAU-COUTURE, GABRIEL ANTONIUS, YANG-HAO CHAN, STEVEN LOUIE, BOGDAN GUSTER, MATTEO GIANTOMASSI, MICHEL CÔTÉ
O 17.2	Mon	14:00–14:30	R3	<b>Huge quantum effects on the 250 K superconducting lan- thanum hydride</b> — ●ION ERREA
O 17.3	Mon	14:30–15:00	R3	<b>Out-of-equilibrium lattice dynamics in two-dimensional materials</b> — ●FABIO CARUSO
O 17.4	Mon	15:00–15:30	R3	<b>Ultrafast optical control of complex oxide functional properties: New insights from theory and first-principles calculations</b> — ●NICOLE BENEDEK
O 30.1	Tue	10:35–11:10	R1	<b>A Theoretical Framework for Investigating Electrochemical Reactions</b> — ●WOLFGANG SCHMICKLER
O 30.2	Tue	11:10–11:45	R1	<b>Dynamic Evolution of CO<sub>2</sub> Electroreduction Catalysts</b> — ●BEATRIZ ROLDAN CUENYA
O 31.1	Tue	10:30–11:00	R2	<b>What can we learn from atoms?</b> — ●ALEXANDER KHAJETOORIANS
O 31.3	Tue	11:15–11:45	R2	<b>Artificial spin chains on superconductor surfaces</b> — ●JENS WIEBE
O 43.1	Tue	13:30–14:05	R1	<b>Electrocatalysis beyond surface reaction energetics</b> — ●KAREN CHAN
O 43.2	Tue	14:05–14:40	R1	<b>Design and application of an ab initio electrochemical cell</b> — SUDARSAN SURENDRALAL, FLORIAN DEISSENBECK, STEFAN WIPPERMANN, CHRISTOPH FREYSOLDT, MIRA TODOROVA, ●JÖRG NEUGEBAUER
O 44.1	Tue	13:30–14:00	R2	<b>Atomic-scale spin sensing with a single molecule at the apex of a STM</b> — ●LAURENT LIMOT
O 44.3	Tue	14:15–14:45	R2	<b>Quantum sensing and operation of single molecules on the surface</b> — ●XUE ZHANG
O 44.4	Tue	14:45–15:15	R2	<b>Longitudinal and transverse electron paramagnetic resonance in a scanning tunneling microscope</b> — ●TOM S. SEIFERT, STEPAN KOVARIK, DOMINIK JURASCHEK, NICOLA A. SPALDIN, PIETRO GAMBARDELLA, SEBASTIAN STEPANOV
O 45.1	Tue	13:30–14:00	R3	<b>A Superficial Look At Water</b> — ●OLLE BJÖRNEHOLM
O 45.4	Tue	14:40–15:10	R3	<b>Exploring Collisions and Reactions at the Vacuum-Water Interface using Water Microjets</b> — ●GILBERT NATHANSON
O 58.1	Wed	10:30–11:00	R1	<b>Simulating interfacial water with neural network potentials</b> — ●CHRISTOPH DELLAGO, OLIVER WOHLFAHRT, MARCELLO SEGA
O 58.3	Wed	11:20–11:50	R1	<b>Surface activity of hydroxide and the hydrated proton</b> — ●ELLEN BACKUS
O 59.1	Wed	10:30–11:00	R2	<b>TBA</b> — ●NETANEL LINDNER
O 59.3	Wed	11:15–11:45	R2	<b>Engineering emergent states in quantum materials with classical and quantum light</b> — ●MICHAEL SENTEF
O 60.1	Wed	10:30–11:00	R3	<b>Rashba effect and chiral magnetism: some insights from density functional theory</b> — ●GUSTAV BIHLMAYER
O 60.2	Wed	11:00–11:30	R3	<b>Synthetic chiral magnets and domain wall logic circuits</b> — ●PIETRO GAMBARDELLA
O 60.3	Wed	11:30–12:00	R3	<b>Zero-field magnetic skyrmions in model-type systems studied with STM</b> — ●KIRSTEN VON BERGMANN
O 60.4	Wed	12:00–12:30	R3	<b>Spin Orbit driven effects in Graphene-FM systems</b> — ●PAOLO PERNA
O 71.1	Wed	13:45–14:15	R1	<b>Machine learning for novel functional materials</b> — ●PASCAL FRIEDERICH
O 71.5	Wed	15:00–15:30	R1	<b>Theory-informed Machine Learning for Surface and Interface Structure Reconstruction from Experimental Data</b> — ERIC SCHWENKER, CHAITANYA KOLLURU, MARCEL CHLUPSA, ARUN MANNODI KANAKKITHODI, RICHARD HENNIG, PIERRE DARANCET, ●MARIA CHAN
O 72.1	Wed	13:30–14:00	R2	<b>On the survival of Floquet-Bloch states in the presence of scattering</b> — ●ISABELLA GIERZ

O 72.4	Wed	14:30–15:00	R2	<b>Light-induced anomalous Hall effect in graphene</b> — ●JAMES MCIVER
O 73.1	Wed	13:30–14:00	R3	<b>Theoretical insights into Dzyaloshinskii-Moriya interaction in nanostructures based on transition metals, oxides and 2D materials</b> — ●MAIRBEK CHSHIEV
O 73.4	Wed	14:40–15:30	R3	<b>Dzyaloshinskii-Moriya Interaction in magnetic layered systems</b> — ●ALBERT FERT
O 86.1	Thu	10:30–11:00	R1	<b>Machine learning for robotic nanofabrication with molecules</b> — ●CHRISTIAN WAGNER
O 86.2	Thu	11:00–11:30	R1	<b>Chemisorbed or Physisorbed? Resolving surface adsorption with Bayesian inference and atomic force microscopy</b> — ●MILICA TODORVIĆ
O 87.1	Thu	10:35–11:30	R2	<b>In-Situ Thin Film Nanoscale Hydrogenography in Magnesium Plasmonics</b> — ●HARALD GIESSEN, JULIAN KARST, FLORIAN STERL, HEIKO LINNENBANK, MARIO HENTSCHEL
O 100.1	Thu	13:30–14:15	R2	<b>Broad spectral tuning of ultra-low-loss polaritons in a van der Waals crystal by intercalation</b> — ●PABLO ALONSO-GONZÁLEZ
O 100.4	Thu	14:45–15:30	R2	<b>Nanocavities and polaritons in twisted and indirectly nanostructured 2D materials</b> — ●FRANK KOPPENS

## Sessions

O 1	Mon	9:45–10:00	R1	<b>Opening Remarks</b>
O 2.1–2.1	Mon	10:00–10:30	R1	<b>Key Note I</b>
O 3.1–3.5	Mon	10:30–12:30	R1	<b>Mini-Symposium: Ultrafast surface dynamics at the space-time limit I</b>
O 4.1–4.6	Mon	10:30–12:30	R2	<b>Mini-Symposium: Free-standing functional molecular 2D materials I</b>
O 5.1–5.8	Mon	10:30–12:30	P	<b>Poster Session I: Metal substrates I</b>
O 6.1–6.9	Mon	10:30–12:30	P	<b>Poster Session I: Organic molecules on inorganic substrates: Adsorption and growth I</b>
O 7.1–7.6	Mon	10:30–12:30	P	<b>Poster Session I: Heterogeneous catalysis I</b>
O 8.1–8.9	Mon	10:30–12:30	P	<b>Poster Session I: Solid-liquid interfaces: Structure, spectroscopy</b>
O 9.1–9.5	Mon	10:30–12:30	P	<b>Poster Session I: New methods I</b>
O 10.1–10.5	Mon	10:30–12:30	P	<b>Poster Session I: Topological insulators</b>
O 11.1–11.8	Mon	10:30–12:30	P	<b>Poster Session I: Plasmonics and nanooptics I</b>
O 12.1–12.7	Mon	10:30–12:30	P	<b>Poster Session I: Electronic structure theory: General</b>
O 13.1–13.8	Mon	10:30–12:30	P	<b>Poster Session I: Surface magnetism I</b>
O 14.1–14.9	Mon	10:30–12:30	P	<b>Poster Session I: Nanostructures at surfaces I</b>
O 15.1–15.5	Mon	13:30–15:30	R1	<b>Mini-Symposium: Ultrafast surface dynamics at the space-time limit II</b>
O 16.1–16.5	Mon	13:30–15:30	R2	<b>Mini-Symposium: Free-standing functional molecular 2D materials II</b>
O 17.1–17.4	Mon	13:30–15:30	R3	<b>Mini-Symposium: Frontiers of electronic-structure theory: Focus on electron-phonon interactions I</b>
O 18.1–18.8	Mon	13:30–15:30	P	<b>Poster Session II: Metal substrates II</b>
O 19.1–19.9	Mon	13:30–15:30	P	<b>Poster Session II: Organic molecules on inorganic substrates: Adsorption and growth II</b>
O 20.1–20.5	Mon	13:30–15:30	P	<b>Poster Session II: Heterogeneous catalysis II</b>
O 21.1–21.8	Mon	13:30–15:30	P	<b>Poster Session II: Solid-liquid interfaces: Reactions and electrochemistry I</b>
O 22.1–22.6	Mon	13:30–15:30	P	<b>Poster Session II: New methods II</b>
O 23.1–23.5	Mon	13:30–15:30	P	<b>Poster Session II: Topology and symmetry-protected materials</b>
O 24.1–24.7	Mon	13:30–15:30	P	<b>Poster Session II: Plasmonics and nanooptics II</b>
O 25.1–25.8	Mon	13:30–15:30	P	<b>Poster Session II: Surface magnetism II</b>
O 26.1–26.8	Mon	13:30–15:30	P	<b>Poster Session II: Nanostructures at surfaces II</b>
O 27.1–27.4	Mon	13:30–15:30	P	<b>Poster Session II: Poster to Mini-Symposium: Molecular scale investigations of liquid-vapor interfaces I</b>
O 28.1–28.1	Mon	15:30–16:00	R1	<b>Key Note II</b>
O 29.1–29.1	Tue	10:00–10:30	R1	<b>Key Note III</b>
O 30.1–30.5	Tue	10:30–12:30	R1	<b>Mini-Symposium: Electrified solid-liquid interfaces I</b>
O 31.1–31.5	Tue	10:30–12:30	R2	<b>Mini-Symposium: Manipulation and control of spins on functional surfaces I</b>

O 32	Tue	10:30–12:30	R3	<b>Mini-Symposium: Frontiers of electronic-structure theory: Focus on electron-phonon interactions II</b>
O 33.1–33.6	Tue	10:30–12:30	P	<b>Poster Session III: Semiconductor substrates I</b>
O 34.1–34.9	Tue	10:30–12:30	P	<b>Poster Session III: Organic molecules on inorganic substrates: Adsorption and growth III</b>
O 35.1–35.5	Tue	10:30–12:30	P	<b>Poster Session III: Surface dynamics I: Phase transitions and elementary processes</b>
O 36.1–36.7	Tue	10:30–12:30	P	<b>Poster Session III: Electronic structure of surfaces: Spectroscopy, surface states I</b>
O 37.1–37.7	Tue	10:30–12:30	P	<b>Poster Session III: Surface magnetism III</b>
O 38.1–38.4	Tue	10:30–12:30	P	<b>Poster Session III: Tribology: Surfaces and nanostructures I</b>
O 39.1–39.6	Tue	10:30–12:30	P	<b>Poster Session III: Poster to Mini-Symposium: Free-standing functional molecular 2D materials I</b>
O 40.1–40.6	Tue	10:30–12:30	P	<b>Poster Session III: Poster to Mini-Symposium: Infrared nano-optics I</b>
O 41.1–41.4	Tue	10:30–12:30	P	<b>Poster Session III: Poster to Mini-Symposium: Ultrafast surface dynamics at the space-time limit I</b>
O 42.1–42.9	Tue	10:30–12:30	P	<b>Poster Session III: Poster to Mini-Symposium: Machine learning applications in surface science I</b>
O 43.1–43.3	Tue	13:30–15:30	R1	<b>Mini-Symposium: Electrified solid-liquid interfaces II</b>
O 44.1–44.4	Tue	13:30–15:30	R2	<b>Mini-Symposium: Manipulation and control of spins on functional surfaces II</b>
O 45.1–45.5	Tue	13:30–15:30	R3	<b>Mini-Symposium: Molecular scale investigations of liquid-vapor interfaces I</b>
O 46.1–46.5	Tue	13:30–15:30	P	<b>Poster Session IV: Semiconductor substrates II</b>
O 47.1–47.5	Tue	13:30–15:30	P	<b>Poster Session IV: Organic molecules on inorganic substrates: networks and overlayers</b>
O 48.1–48.5	Tue	13:30–15:30	P	<b>Poster Session IV: Surface dynamics II: Phase transitions and elementary processes</b>
O 49.1–49.6	Tue	13:30–15:30	P	<b>Poster Session IV: Electronic structure of surfaces: Spectroscopy, surface states II</b>
O 50.1–50.3	Tue	13:30–15:30	P	<b>Poster Session IV: Tribology: Surfaces and nanostructures II</b>
O 51.1–51.4	Tue	13:30–15:30	P	<b>Poster Session IV: Poster to Mini-Symposium: Free-standing functional molecular 2D materials II</b>
O 52.1–52.5	Tue	13:30–15:30	P	<b>Poster Session IV: Poster to Mini-Symposium: Infrared nano-optics II</b>
O 53.1–53.7	Tue	13:30–15:30	P	<b>Poster Session IV: Poster to Mini-Symposium: Frontiers of electronic-structure theory I</b>
O 54.1–54.4	Tue	13:30–15:30	P	<b>Poster Session IV: Poster to Mini-Symposium: Ultrafast surface dynamics at the space-time limit II</b>
O 55.1–55.8	Tue	13:30–15:30	P	<b>Poster Session IV: Poster to Mini-Symposium: Machine learning applications in surface science II</b>
O 56.1–56.1	Tue	15:30–16:00	R1	<b>Key Note IV</b>
O 57.1–57.1	Wed	10:00–10:30	R1	<b>Key Note V</b>
O 58.1–58.5	Wed	10:30–12:30	R1	<b>Mini-Symposium: Molecular scale investigations of liquid-vapor interfaces II</b>
O 59.1–59.6	Wed	10:30–12:30	R2	<b>Mini-Symposium: Coherent band structure engineering with light I</b>
O 60.1–60.4	Wed	10:30–12:30	R3	<b>Mini-Symposium: Dzyaloshinskii-Moriya Interaction (DMI) in magnetic layered systems I</b>
O 61.1–61.9	Wed	10:30–12:30	P	<b>Poster Session V: Oxide and insulator surfaces: Structure, epitaxy and growth I</b>
O 62.1–62.9	Wed	10:30–12:30	P	<b>Poster Session V: Organic molecules on inorganic substrates: electronic, optical and other properties I</b>
O 63.1–63.5	Wed	10:30–12:30	P	<b>Poster Session V: Electron-driven processes at surfaces and interfaces</b>
O 64.1–64.6	Wed	10:30–12:30	P	<b>Poster Session V: Electronic structure of surfaces: Spectroscopy, surface states III</b>
O 65.1–65.7	Wed	10:30–12:30	P	<b>Poster Session V: Solid-liquid interfaces: Reactions and electrochemistry II</b>

O 66.1–66.13	Wed	10:30–12:30	P	Poster Session V: 2D Materials: Electronic structure, excitations, etc. I
O 67.1–67.7	Wed	10:30–12:30	P	Poster Session V: Ultrafast electron dynamics at surface and interfaces I
O 68.1–68.7	Wed	10:30–12:30	P	Poster Session V: Poster to Mini-Symposium: Manipulation and control of spins on functional surfaces I
O 69.1–69.4	Wed	10:30–12:30	P	Poster Session V: Poster to Mini-Symposium: Infrared nano-optics III
O 70.1–70.7	Wed	10:30–12:30	P	Poster Session V: Poster to Mini-Symposium: Frontiers of electronic-structure theory II
O 71.1–71.5	Wed	13:30–15:30	R1	Mini-Symposium: Machine learning applications in surface science I
O 72.1–72.5	Wed	13:30–15:30	R2	Mini-Symposium: Coherent band structure engineering with light II
O 73.1–73.4	Wed	13:30–15:30	R3	Mini-Symposium: Dzyaloshinskii-Moriya Interaction (DMI) in magnetic layered systems II
O 74.1–74.8	Wed	13:30–15:30	P	Poster Session VI: Oxide and insulator surfaces: Structure, epitaxy and growth II
O 75.1–75.8	Wed	13:30–15:30	P	Poster Session VI: Organic molecules on inorganic substrates: electronic, optical and other properties II
O 76.1–76.5	Wed	13:30–15:30	P	Poster Session VI: Supported nanoclusters: structure, reactions, catalysis
O 77.1–77.6	Wed	13:30–15:30	P	Poster Session VI: Scanning probe techniques: Method development I
O 78.1–78.14	Wed	13:30–15:30	P	Poster Session VI: 2D Materials: Electronic structure, excitations, etc. II
O 79.1–79.7	Wed	13:30–15:30	P	Poster Session VI: Ultrafast electron dynamics at surface and interfaces II
O 80.1–80.7	Wed	13:30–15:30	P	Poster Session VI: Poster to Mini-Symposium: Electrified solid-liquid interfaces I
O 81.1–81.7	Wed	13:30–15:30	P	Poster Session VI: Poster to Mini-Symposium: Manipulation and control of spins on functional surfaces II
O 82.1–82.7	Wed	13:30–15:30	P	Poster Session VI: Poster to Mini-Symposium: Frontiers of electronic-structure theory III
O 83.1–83.3	Wed	13:30–15:30	P	Poster Session VI: Poster to Mini-Symposium: Infrared nano-optics IV
O 84.1–84.1	Wed	15:30–16:00	R1	Key Note VI
O 85.1–85.1	Thu	10:00–10:30	R1	Key Note VII
O 86.1–86.6	Thu	10:30–12:30	R1	Mini-Symposium: Machine learning applications in surface science II
O 87.1–87.5	Thu	10:30–12:30	R2	Mini-Symposium: Infrared nano-optics I
O 88.1–88.8	Thu	10:30–12:30	P	Poster Session VII: Oxides and insulators: Adsorption and reaction of small molecules I
O 89.1–89.7	Thu	10:30–12:30	P	Poster Session VII: Organic molecules on inorganic substrates: electronic, optical and other properties III
O 90.1–90.8	Thu	10:30–12:30	P	Poster Session VII: Surface reactions I
O 91.1–91.7	Thu	10:30–12:30	P	Poster Session VII: Scanning probe techniques: Method development II
O 92.1–92.6	Thu	10:30–12:30	P	Poster Session VII: Ultrafast electron dynamics at surface and interfaces III
O 93.1–93.14	Thu	10:30–12:30	P	Poster Session VII: Graphene and beyond I
O 94.1–94.8	Thu	10:30–12:30	P	Poster Session VII: Poster to Mini-Symposium: Electrified solid-liquid interfaces II
O 95.1–95.6	Thu	10:30–12:30	P	Poster Session VII: Poster to Mini-Symposium: Manipulation and control of spins on functional surfaces III
O 96.1–96.7	Thu	10:30–12:30	P	Poster Session VII: Poster to Mini-Symposium: Frontiers of electronic-structure theory IV
O 97.1–97.4	Thu	10:30–12:30	P	Poster Session VII: Poster to Mini-Symposium: Molecular scale investigations of liquid-vapor interfaces II
O 98	Thu	13:00–13:30	R1	Annual Meeting of the Surface Science Division
O 99.1–99.4	Thu	13:30–15:30	R1	Gerhard Ertl Young Investigator Award: Finalists session

O 100.1–100.4	Thu	13:30–15:30	R2	<b>Mini-Symposium: Infrared nano-optics II</b>
O 101.1–101.8	Thu	13:30–15:30	P	<b>Poster Session VIII: Oxides and insulators: Adsorption and reaction of small molecules II</b>
O 102.1–102.8	Thu	13:30–15:30	P	<b>Poster Session VIII: Organic molecules on inorganic substrates: electronic, optical and other properties IV</b>
O 103.1–103.7	Thu	13:30–15:30	P	<b>Poster Session VIII: Surface reactions II</b>
O 104.1–104.6	Thu	13:30–15:30	P	<b>Poster Session VIII: Scanning probe techniques: Method development III</b>
O 105.1–105.13	Thu	13:30–15:30	P	<b>Poster Session VIII: Graphene and beyond II</b>
O 106.1–106.7	Thu	13:30–15:30	P	<b>Poster Session VIII: Poster to Mini-Symposium: Electrified solid-liquid interfaces III</b>
O 107.1–107.7	Thu	13:30–15:30	P	<b>Poster Session VIII: Poster to Mini-Symposium: Manipulation and control of spins on functional surfaces IV</b>
O 108.1–108.6	Thu	13:30–15:30	P	<b>Poster Session VIII: Poster to Mini-Symposium: Frontiers of electronic-structure theory V</b>
O 109.1–109.8	Thu	13:30–15:30	P	<b>Poster Session VIII: Poster to Mini-Symposium: Machine learning applications in surface science III</b>
O 110.1–110.5	Thu	13:30–15:30	P	<b>Poster Session VIII: Poster to Mini-Symposium: Dzyaloshinskii-Moriya Interaction (DMI) in magnetic layered systems</b>
O 111.1–111.1	Thu	15:30–16:00	R1	<b>Key Note VIII</b>
O 112	Thu	16:00–16:15	R1	<b>Announcement of Gerhard Ertl Young Investigator Award and Concluding Remarks</b>

## Annual General Meeting of the Surface Science Division

Thursday 13:00–13:30