

## Semiconductor Physics Division Fachverband Halbleiterphysik (HL)

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### Overview of Invited Talks and Sessions

(Lecture halls POT 51, 81, 112, 151, 251, and HSZ 403; Poster P1A, P2/2-4OG, and P3 )

#### Invited Talks

HL 6.6	Mon	11:15–11:45	POT 151	<b>Exciton-Polariton Topological Insulator</b> — ●SEBASTIAN KLEMBT
HL 7.1	Mon	9:30–10:00	POT 251	<b>Anharmonic semiconductors - Lessons Learned from Halide perovskites</b> — ●OMER YAFFE
HL 7.2	Mon	10:00–10:30	POT 251	<b>Lattice Screening of Excitons in Lead Halide Perovskites from First Principles</b> — ●MARINA R. FILIP, JONAH B. HABER, JEFFREY B. NEATON
HL 7.3	Mon	10:45–11:15	POT 251	<b>Structural dynamics and disorder in halide perovskites</b> — ●DAVID EGGER
HL 18.1	Mon	15:00–15:30	POT 151	<b>Highly efficient sources of single indistinguishable photons</b> — ●NIELS GREGERSEN
HL 19.1	Mon	15:00–15:30	POT 251	<b>Double perovskite electronic structures: A chemical perspective</b> — ●ADAM SLAVNEY, HEMAMALA KARUNADASA, LINN LEPPERT, BRIDGET CONNOR
HL 19.2	Mon	15:30–16:00	POT 251	<b>Solid state ionics of hybrid halide perovskites: equilibrium situation and light effects</b> — ●ALESSANDRO SENOCRATE, GEE YEONG KIM, TAE YOUL YANG, GIULIANO GREGORI, MICHAEL GRAETZEL, JOACHIM MAIER
HL 20.1	Mon	15:00–15:30	POT 81	<b>Resonantly hybridized excitons in moiré superlattices in van der Waals heterostructures</b> — ●ALEXANDER TARTAKOVSKII
HL 24.1	Tue	9:30–10:00	POT 151	<b>Ionic Defects in Hybrid Perovskite Solar Cells</b> — ●CARSTEN DEIBEL, SEBASTIAN REICHERT, QINGZHI AN, YANA VAYNZOF
HL 26.1	Tue	9:30–10:00	POT 51	<b>Nanophotonic quantum technology on silicon chips</b> — ●CARSTEN SCHUCK
HL 26.2	Tue	10:00–10:30	POT 51	<b>Resonant excitation and coherent manipulation of quantum dots for quantum information experiments</b> — ●ANA PREDOJEVIC
HL 26.5	Tue	11:15–11:45	POT 51	<b>Fully on-chip single-photon Hanbury-Brown and Twiss experiment integrating semiconductors and superconductors</b> — ●SIMONE LUCA PORTALUPI, MARIO SCHWARTZ, EKKEHART SCHMIDT, ULRICH RENGSTL, FLORIAN HORNUNG, STEFAN HEPP, KONSTANTIN ILIN, MICHAEL JETTER, MICHAEL SIEGEL, PETER MICHLER
HL 27.1	Tue	9:30–10:00	POT 81	<b>Radiative Lifetime and Fine Structure of Excitons in Transition Metal Dichalcogenide Monolayers</b> — ●XAVIER MARIE
HL 36.1	Tue	14:00–14:30	POT 51	<b>Towards One-way Quantum Repeaters with Spin Qubits in Nanophotonic Interfaces</b> — ●TIM SCHRÖDER
HL 36.5	Tue	15:15–15:45	POT 51	<b>Classical computing with quantum states of light</b> — ●STEFANIE BARZ
HL 39.1	Wed	9:30–10:00	POT 112	<b>Quantum communication with entangled photons from quantum dots</b> — ●RINALDO TROTTA
HL 48.1	Wed	15:00–15:30	POT 112	<b>Ultrafast nonadiabatic dynamics and intermolecular conical intersections in organic photovoltaic materials</b> — ●ANTONIETTA DE SIO
HL 52.1	Wed	15:00–15:30	POT 81	<b>Modulation Doping in High-Mobility Alkaline-Earth Stannates</b> — ●BHARAT JALAN
HL 52.5	Wed	16:45–17:15	POT 81	<b>Engineering of LiNbO<sub>3</sub> films for next generation acoustic and energy harvesting applications</b> — ●AUSRINE BARTASYTE, SAMUEL MARGUERON, VINCENT ASTIÉ, GIACOMO CLEMENTI, MIHAEA IVAN, MERIEME OUBAHAZ

HL 52.6	Wed	17:15–17:45	POT 81	<b>Oxide Memristors for unified data storage and data processing</b> — ●HEIDEMARIE SCHMIDT
HL 61.1	Thu	9:30–10:00	POT 51	<b>Supercontinuum second-harmonic generation spectroscopy of 2D semiconductors</b> — ●STEFFEN MICHAELIS DE VASCONCELLOS
HL 61.2	Thu	10:00–10:30	POT 51	<b>Quasi-instantaneous switch-off of deep-strong light-matter coupling</b> — ●CHRISTOPH LANGE, MAIKE HALBHUBER, JOSHUA MORNHINWEG, VIOLA ZELLER, CRISTIANO CIUTI, DOMINIQUE BOUGEARD, RUPERT HUBER
HL 61.5	Thu	11:30–12:00	POT 51	<b>Watching plasmonic skyrmions spin using ultrafast two-photon photoelectron spectroscopy</b> — ●HARALD GIESSEN, TIM DAVIS, BETTINA FRANK, PASCAL DREHER, DAVID JANOSCHKA, FRANK MEYER ZU HERINGDORF
HL 62.1	Thu	9:30–10:00	POT 81	<b>Basics of Gas Sensing with Semiconducting Metal Oxides</b> — ●NICOLAE BARSAN
HL 62.6	Thu	11:30–12:00	POT 81	<b>Ultra-thin oxides on InGaN nanowires: Passivation layers for nanostructured photoelectrodes and optical analysis of chemical processes</b> — PAULA NEUDERTH, MARIONA COLL, JÖRG SCHÖRMANN, CHRISTIAN REITZ, JORDI ARBIOL, ROLAND MARSCHALL, ●MARTIN EICKHOFF
HL 69.1	Thu	15:00–15:30	POT 151	<b>Scaling networks of compound semiconductor nanowires</b> — ●ANNA FONTCUBERTA I MORRAL
HL 71.1	Thu	15:00–15:30	POT 51	<b>Quadratic nanomaterials for nonlinear integrated photonic devices</b> — ●RACHEL GRANGE
HL 71.2	Thu	15:30–16:00	POT 51	<b>Resonant nanostructured surfaces for parametric frequency conversion</b> — ●FRANK SETZPFANDT
HL 81.1	Fri	9:30–10:00	POT 81	<b>Ultrafast Spin-Lasers</b> — MARKUS LINDEMANN, NATALIE JUNG, TOBIAS PUSCH, GAOFENG XU, PASCAL STADLER, IGOR ZUTIC, RAINER MICHALZIK, MARTIN R. HOFMANN, ●NILS C. GERHARDT

### Invited talks of the joint symposium SYNC

See SYNC for the full program of the symposium.

SYNC 1.1	Mon	9:30–10:00	HSZ 01	<b>Photonic Reservoir Computing and its Application to Optical Communication</b> — ●INGO FISCHER, APOSTOLOS ARGYRIS
SYNC 1.2	Mon	10:00–10:30	HSZ 01	<b>Metal-oxide resistance switching memory devices as artificial synapses for brain-inspired computing</b> — ●SABINA SPIGA
SYNC 1.3	Mon	10:30–11:00	HSZ 01	<b>Towards brain-inspired photonic computing</b> — ●WOLFRAM PERNICE
SYNC 1.4	Mon	11:15–11:45	HSZ 01	<b>Photonic Recurrent Ising Sampler</b> — ●CHARLES ROQUES-CARMES, YICHEN SHEN, CRISTIAN ZANOCI, MIHIKA PRABHU, FADI ATIEH, LI JING, TENA DUBČEK, CHENKAI MAO, MILES JOHNSON, VLADIMIR ČEPERIĆ, JOHN JOANNOPOULOS, DIRK ENGLUND, MARIN SOLJAČIĆ
SYNC 1.5	Mon	11:45–12:15	HSZ 01	<b>Beyond von Neumann systems: Computational memory for efficient AI</b> — ●IREM BOYBAT

### 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	<b>Disentangling transport in topological insulator thin films down to the nanoscale</b> — ●FELIX LÜPKE
SYSD 1.2	Mon	9:55–10:20	HSZ 02	<b>Spintronics with Terahertz Radiation: Probing and driving spins at highest frequencies</b> — ●TOM SEBASTIAN SEIFERT, TOBIAS KAMPFRATH
SYSD 1.3	Mon	10:20–10:45	HSZ 02	<b>Non-radiative voltage losses in organic solar cells</b> — ●JOHANNES BENDUHN
SYSD 1.4	Mon	10:45–11:10	HSZ 02	<b>Multivalent ions for tuning the phase behaviour of protein solutions</b> — ●OLGA MATSARSKAIA
SYSD 1.5	Mon	11:10–11:35	HSZ 02	<b>Network Dynamics under Constraints</b> — ●MALTE SCHRÖDER
SYSD 1.6	Mon	11:35–12:00	HSZ 02	<b>Exciton spectroscopy of van der Waals heterostructures</b> — ●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	<b>Ultrafast Coherent Spin-Lattice Interactions in Ferromagnets</b> — •STEVEN L. JOHNSON
SYAS 1.2	Mon	15:30–16:00	HSZ 02	<b>Ab-initio treatment of ultrafast spin-dynamics</b> — •SANGEETA SHARMA, J. K. DEWHURST
SYAS 1.3	Mon	16:00–16:30	HSZ 02	<b>Light-wave driven Spin Dynamics</b> — •MARTIN SCHULTZE, SANGEETA SHARMA, MARKUS MÜNZENBERG
SYAS 1.4	Mon	16:45–17:15	HSZ 02	<b>All-coherent subcycle switching of spins by THz near fields</b> — •CHRISTOPH LANGE
SYAS 1.5	Mon	17:15–17:45	HSZ 02	<b>Ultrafast optically-induced spin transfer in ferromagnetic alloys</b> — •STEFAN MATHIAS

### 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	<b>Engineering 2D materials with a twist</b> — •CORY DEAN
SYWH 1.2	Wed	15:30–16:00	HSZ 02	<b>Flat Bands and Correlated Electronic States in Two Dimensional Atomic Crystals</b> — •EVA Y. ANDREI
SYWH 1.3	Wed	16:00–16:30	HSZ 02	<b>Lightwave electronics and valleytronics in van der Waals layered materials</b> — •RUPERT HUBER
SYWH 1.4	Wed	16:30–17:00	HSZ 02	<b>Interaction and Topological Effects in Atomically Thin Two-dimensional Materials</b> — •STEVEN G. LOUIE
SYWH 1.5	Wed	17:00–17:30	HSZ 02	<b>Excitons in 2D Semiconductors and Heterostructures</b> — •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	<b>Ultrafast electron dynamics at laser-irradiated surfaces</b> — •BAERBEL RETHFELD
SYED 1.2	Thu	10:00–10:30	HSZ 01	<b>Unraveling Momentum-Dependent Electron-Phonon Coupling and its Role in the Origin of Charge Density Wave Phases</b> — •BRADLEY SIWICK, MARTIN OTTO, JAN-HENDRIK POHLS, LAURENT RENE DE COTRET, MARK SUTTON
SYED 1.3	Thu	10:30–11:00	HSZ 01	<b>Light MATTERS!!!</b> — •HRVOJE PETEK, ANDI LI, ZEHUA WANG, MARCEL REUTZEL
SYED 1.4	Thu	11:15–11:45	HSZ 01	<b>Quantum localization and delocalization of charge carriers in molecular organic crystals</b> — •JOCHEN BLUMBERGER
SYED 1.5	Thu	11:45–12:15	HSZ 01	<b>Single-Atom Catalysis (SAC): How Structure Influences Reactivity</b> — •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	<b>Understanding the physical variables driving mechanosensing</b> — •PERE ROCA-CUSACHS
SYES 1.2	Thu	10:00–10:30	HSZ 02	<b>Mechanics of life: Cellular forces and mechanics far from thermodynamic equilibrium</b> — •TIMO BETZ
SYES 1.3	Thu	10:30–11:00	HSZ 02	<b>A hydrodynamic approach to collective cell migration in epithelial tissues</b> — •JAUME CASADEMUNT
SYES 1.4	Thu	11:15–11:45	HSZ 02	<b>The spindle is a composite of two permeating polar gels</b> — DAVID ORIOLA, BENJAMIN DALTON, FRANZISKA DECKER, FRANK JULICHER, •JAN BRUGUES
SYES 1.5	Thu	11:45–12:15	HSZ 02	<b>Adding magnetic properties to epitaxial graphene</b> — •RODOLFO MIRANDA
SYES 2.1	Thu	15:00–15:30	HSZ 01	<b>Interactions in assemblies of surface-mounted magnetic molecules</b> — •WOLFGANG KUCH

SYES 2.2	Thu	15:30–16:00	HSZ 01	<b>Towards phononic circuits based on optomechanics</b> — ●CLIVIA M. SOTOMAYOR-TORRES
SYES 2.3	Thu	16:00–16:30	HSZ 01	<b>Optical properties of 2D materials and heterostructures</b> — ●JANINA MAULTZSCH
SYES 2.4	Thu	16:45–17:15	HSZ 01	<b>Bringing nanophotonics to the atomic scale</b> — ●JAVIER AIZPURUA
SYES 2.5	Thu	17:15–17:45	HSZ 01	<b>Infrared signatures of the coupling between vibrational and plasmonic excitations</b> — ●ANNEMARIE PUCCI

### Invited talks of the joint symposium SYCL

See SYCL for the full program of the symposium.

SYCL 1.1	Fri	9:30–10:00	HSZ 02	<b>Topology and transport in nanostructures with curved geometries</b> — ●CARMINE ORTIX
SYCL 1.2	Fri	10:00–10:30	HSZ 02	<b>Properties of domain walls and skyrmions in curved ferromagnets.</b> — ●VOLODYMYR KRAVCHUK
SYCL 1.3	Fri	10:30–11:00	HSZ 02	<b>3D Mesoscopic Magnetic Architectures: Fabrication, Actuation &amp; Imaging</b> — ●LAURA HEYDERMAN
SYCL 1.4	Fri	11:15–11:45	HSZ 02	<b>3D nanostructures for superconductivity and magnetism</b> — ●OLEKSANDR DOBROVOLSKIY
SYCL 1.5	Fri	11:45–12:15	HSZ 02	<b>Effect of Curvature on Topological Defects in Chiral Condensed and Soft Matter</b> — ●AVADH SAXENA

### Sessions

HL 1.1–1.4	Sun	16:00–18:40	HSZ 403	<b>Tutorial: Frontiers of Semiconductor Lasers</b> (joint session HL/TUT)
HL 2.1–2.12	Mon	9:30–12:45	HSZ 03	<b>Topological Insulators 1</b> (jointly with DS, MA, HL, O) (joint session TT/HL)
HL 3.1–3.4	Mon	9:30–11:40	HSZ 105	<b>Focus: Diamond Technology and Electronics</b> (joint session KFM/DS/HL)
HL 4.1–4.13	Mon	9:30–13:00	HSZ 201	<b>Complex Oxides: Bulk Properties</b> (jointly with DS, HL, KFM, MA, O) (joint session TT/MA/HL)
HL 5.1–5.10	Mon	9:30–12:30	POT 112	<b>Organic semiconductors I</b> (joint session HL/PPP)
HL 6.1–6.11	Mon	9:30–13:00	POT 151	<b>Heterostructures, interfaces and surfaces</b> (joint session HL/O)
HL 7.1–7.6	Mon	9:30–12:00	POT 251	<b>Focus Session: When theory meets experiment: Hybrid halide perovskites for applications beyond solar I</b> (joint session HL/PPP)
HL 8.1–8.8	Mon	9:30–11:30	POT 51	<b>Nitrides: Devices</b>
HL 9.1–9.12	Mon	9:30–13:00	POT 81	<b>2D semiconductors and van der Waals heterostructures I</b> (joint session HL/DS/O)
HL 10.1–10.8	Mon	9:30–12:50	TOE 317	<b>Focus: High-resolution Lithography and 3D Patterning (Part I)</b> (joint session KFM/HL/PPP)
HL 11.1–11.8	Mon	10:30–12:45	GER 38	<b>Frontiers in Electronic-Structure Theory - Focus on Electron-Phonon Interactions I</b> (joint session O/HL/PPP/DS)
HL 12.1–12.12	Mon	10:30–13:45	WIL C107	<b>2D Materials I: Electronic Structure, Excitations, etc.</b> (joint session O/PPP/HL)
HL 13.1–13.6	Mon	15:00–18:15	HSZ 04	<b>Focus Session: Spin-Charge Interconversion</b> (joint session MA/HL)
HL 14.1–14.7	Mon	15:00–16:45	HSZ 103	<b>Topological Insulators 2</b> (jointly with DS, MA, HL, O) (joint session TT/HL)
HL 15.1–15.13	Mon	15:00–18:30	HSZ 201	<b>Graphene</b> (jointly with DY, MA, HL, DS, O) (joint session TT/DY/HL)
HL 16.1–16.10	Mon	15:00–17:30	GER 38	<b>Frontiers in Electronic-Structure Theory - Focus on Electron-Phonon Interactions II</b> (joint session O/HL/PPP/DS)
HL 17.1–17.9	Mon	15:00–17:45	POT 112	<b>Materials and devices for quantum technology I</b>
HL 18.1–18.10	Mon	15:00–18:15	POT 151	<b>Quantum dots and wires I</b>

HL 19.1–19.6	Mon	15:00–17:00	POT 251	<b>Focus Session: When theory meets experiment: Hybrid halide perovskites for applications beyond solar II (joint session HL/CPP)</b>
HL 20.1–20.11	Mon	15:00–18:30	POT 81	<b>2D semiconductors and van der Waals heterostructures II (joint session HL/DS)</b>
HL 21.1–21.12	Mon	15:00–18:15	WIL C107	<b>2D Materials II: Electronic Structure, Excitations, etc. (joint session O/CPP/HL)</b>
HL 22.1–22.8	Tue	9:30–11:30	CHE 89	<b>2D Materials and their Heterostructures I (joint session DS/O/HL)</b>
HL 23.1–23.10	Tue	9:30–12:30	POT 112	<b>Ultra-fast phenomena</b>
HL 24.1–24.7	Tue	9:30–12:00	POT 151	<b>Functional semiconductors for renewable energy solutions I (joint session HL/CPP)</b>
HL 25.1–25.10	Tue	9:30–12:30	POT 251	<b>Perovskite and photovoltaics I (joint session HL/CPP)</b>
HL 26.1–26.5	Tue	9:30–11:45	POT 51	<b>Focus Session: Integrated Quantum Photonics I</b>
HL 27.1–27.11	Tue	9:30–13:00	POT 81	<b>2D semiconductors and van der Waals heterostructures III (joint session HL/DS)</b>
HL 28.1–28.7	Tue	10:00–12:30	ZEU 222	<b>Focus: Exploitation of Anisotropy in Organic Semiconductors I (joint session CPP/HL)</b>
HL 29.1–29.13	Tue	10:30–13:45	GER 38	<b>2D Materials III: Growth and Heterostructures (joint session O/HL)</b>
HL 30.1–30.43	Tue	13:30–15:45	P3	<b>Poster I</b>
HL 31.1–31.7	Tue	14:00–15:45	HSZ 02	<b>Complex Oxides: Surfaces and Interfaces (jointly with DS, HL, KFM, MA, O) (joint session TT/MA/HL)</b>
HL 32.1–32.7	Tue	14:00–15:45	HSZ 201	<b>Twisted Bilayer Graphene (jointly with DY, MA, HL, DS, O) (joint session TT/HL)</b>
HL 33.1–33.8	Tue	14:00–16:00	POT 112	<b>Optical properties</b>
HL 34.1–34.6	Tue	14:00–15:30	POT 151	<b>Functional semiconductors for renewable energy solutions II (joint session HL/CPP)</b>
HL 35.1–35.8	Tue	14:00–16:00	POT 251	<b>Perovskite and photovoltaics II (joint session HL/CPP)</b>
HL 36.1–36.5	Tue	14:00–15:45	POT 51	<b>Focus Session: Integrated Quantum Photonics II</b>
HL 37.1–37.8	Tue	14:00–16:00	POT 81	<b>2D semiconductors and van der Waals heterostructures IV (joint session HL/DS/O)</b>
HL 38.1–38.8	Wed	9:30–13:00	HSZ 04	<b>Focus Session: Magnon Polarons – Magnon-Phonon Coupling and Spin Transport (joint session MA/HL)</b>
HL 39.1–39.10	Wed	9:30–12:45	POT 112	<b>Materials and devices for quantum technology II</b>
HL 40.1–40.10	Wed	9:30–12:30	POT 151	<b>Thermal, acoustic and transport properties</b>
HL 41.1–41.10	Wed	9:30–12:30	POT 251	<b>Perovskite and photovoltaics III (joint session HL/CPP)</b>
HL 42.1–42.9	Wed	9:30–12:15	POT 51	<b>Oxide semiconductors</b>
HL 43.1–43.12	Wed	9:30–13:00	POT 81	<b>2D semiconductors and van der Waals heterostructures V (joint session HL/DS/O)</b>
HL 44.1–44.6	Wed	9:30–11:15	ZEU 222	<b>Focus: Exploitation of Anisotropy in Organic Semiconductors II (joint session CPP/HL)</b>
HL 45.1–45.12	Wed	9:30–12:45	ZEU 260	<b>Hybrid Perovskite and Photovoltaics I (joint session CPP/HL)</b>
HL 46.1–46.11	Wed	10:30–13:30	GER 38	<b>Frontiers in Electronic-Structure Theory - Focus on Electron-Phonon Interactions III (joint session O/HL/CPP/DS)</b>
HL 47.1–47.13	Wed	10:30–13:45	WIL B321	<b>2D Materials IV: Interfacial Interactions (joint session O/HL/CPP)</b>
HL 48.1–48.7	Wed	15:00–17:30	POT 112	<b>Organic semiconductors II (joint session HL/CPP)</b>
HL 49.1–49.11	Wed	15:00–18:15	POT 151	<b>Quantum dots and wires II</b>
HL 50.1–50.8	Wed	15:00–17:30	POT 251	<b>Perovskite and photovoltaics IV (joint session HL/CPP)</b>
HL 51.1–51.10	Wed	15:00–18:00	POT 51	<b>Semiconductor lasers I</b>
HL 52.1–52.8	Wed	15:00–18:15	POT 81	<b>Focus Session: Functional Metal Oxides for Novel Applications and Devices I (joint session HL/DS)</b>
HL 53.1–53.5	Wed	15:00–16:15	ZEU 260	<b>Hybrid Perovskite and Photovoltaics II (joint session CPP/HL)</b>
HL 54.1–54.9	Wed	15:00–17:30	GER 38	<b>Frontiers in Electronic-Structure Theory - Focus on Electron-Phonon Interactions IV (joint session O/CPP/DS/HL)</b>

HL 55.1–55.11	Thu	9:30–12:30	HSZ 03	<b>Superconducting Electronics: SQUIDs, Qubits, Circuit QED, Quantum Coherence and Quantum Information Systems 2 (jointly with MA, HL) (joint session TT/HL)</b>
HL 56.1–56.5	Thu	9:30–10:45	CHE 89	<b>2D Materials and their Heterostructures II (joint session DS/O/HL)</b>
HL 57.1–57.5	Thu	9:30–10:45	CHE 91	<b>Thin Oxides and Oxide Layers I (joint session DS/HL/O)</b>
HL 58.1–58.10	Thu	9:30–12:30	POT 112	<b>Nitrides: Preparation and characterization I</b>
HL 59.1–59.10	Thu	9:30–12:30	POT 151	<b>THz and MIR physics in semiconductors</b>
HL 60.1–60.8	Thu	9:30–12:00	POT 251	<b>Perovskite and photovoltaics V (joint session HL/CPP)</b>
HL 61.1–61.9	Thu	9:30–13:00	POT 51	<b>Focus Session: Tailored Nonlinear Photonics I</b>
HL 62.1–62.10	Thu	9:30–13:00	POT 81	<b>Focus Session: Functional Metal Oxides for Novel Applications and Devices II (joint session HL/DS)</b>
HL 63.1–63.7	Thu	9:30–12:20	TOE 317	<b>Focus: High-resolution Lithography and 3D Patterning (Part II) (joint session KFM/HL/CPP)</b>
HL 64.1–64.51	Thu	10:00–13:00	P1A	<b>Poster II</b>
HL 65.1–65.6	Thu	11:00–12:30	CHE 89	<b>2D Materials and their Heterostructures III (joint session DS/HL)</b>
HL 66.1–66.5	Thu	11:00–12:15	CHE 91	<b>Thin Oxides and Oxide Layers II (joint session DS/HL)</b>
HL 67.1–67.9	Thu	15:00–17:30	GER 38	<b>Frontiers in Electronic-Structure Theory - Focus on Electron-Phonon Interactions V (joint session O/HL/DS/CPP)</b>
HL 68.1–68.7	Thu	15:00–16:45	POT 112	<b>Nitrides: Preparation and characterization II</b>
HL 69.1–69.9	Thu	15:00–18:00	POT 151	<b>Quantum dots and wires III</b>
HL 70.1–70.7	Thu	15:00–16:45	POT 251	<b>Spin phenomena in semiconductors</b>
HL 71.1–71.7	Thu	15:00–17:15	POT 51	<b>Focus Session: Tailored Nonlinear Photonics II</b>
HL 72.1–72.6	Thu	15:00–16:30	POT 81	<b>Focus Session: Functional Metal Oxides for Novel Applications and Devices III (joint session HL/DS)</b>
HL 73.1–73.9	Thu	15:00–17:30	REC C 213	<b>Semiconductor Surfaces (joint session O/HL)</b>
HL 74.1–74.24	Thu	15:00–17:30	P2/2OG	<b>Poster IIIA</b>
HL 75.1–75.29	Thu	15:00–17:30	P2/3OG	<b>Poster IIIB</b>
HL 76.1–76.26	Thu	15:00–17:30	P2/4OG	<b>Poster IIIC</b>
HL 77	Thu	18:00–19:00	POT 81	<b>Annual General Meeting of the Semiconductor Physics Division</b>
HL 78.1–78.3	Fri	9:30–10:30	HSZ 03	<b>Nano- and Optomechanics (jointly with CPP, DS, DY, BP) (joint session TT/HL/CPP)</b>
HL 79.1–79.9	Fri	9:30–12:00	POT 151	<b>Quantum dots and wires IV</b>
HL 80.1–80.8	Fri	9:30–12:00	POT 51	<b>Quantum transport and quantum Hall effects</b>
HL 81.1–81.7	Fri	9:30–11:45	POT 81	<b>Semiconductor lasers II</b>

## Annual General Meeting of the Semiconductor Physics Division

Thursday 18:00–19:00 POT 81