

## Low Temperature Physics Division Fachverband Tiefe Temperaturen (TT)

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### Overview of Invited Talks and Sessions

(Lecture Rooms HSZ 03, HSZ 103, HSZ 201, HSZ 204, HSZ 304; Poster P2 )

### Invited Talks not included in Focus Sessions and Symposia

TT 2.6	Mon	11:00–11:30	HSZ 103	<b>The Echo of Superconductivity: Higgs Oscillations of Superconductors in Non-Equilibrium</b> — ●DIRK MANSKE
TT 14.6	Mon	16:30–17:00	HSZ 201	<b>Multi-Terminal Josephson Junctions as Topological Matter</b> — ●JULIA S. MEYER
TT 12.9	Mon	17:15–17:45	HSZ 03	<b>U(1) Quantum Spin Liquid Ground State in the Triangular Antiferromagnet YbMgGaO<sub>4</sub></b> — ●YUESHENG LI
TT 47.1	Wed	15:00–15:30	HSZ 103	<b>Interplay between CDW and Superconductivity: Effect of Pressure</b> — ●MATTHIEU LE TACON
TT 62.7	Thu	11:15–11:45	HSZ 304	<b>Optical Control of Complex Quantum Materials</b> — ●STEFAN KAISER
TT 70.1	Thu	15:00–15:30	HSZ 103	<b>New Developments in the Theory of STM on Unconventional Superconductors</b> — ●ANDREAS KREISEL

### Focus Sessions

#### “Frustration in Mott Insulators and Mott Criticality”

TT 1.1	Mon	9:30–10:00	HSZ 03	<b>Herbertsmithite and the Search for the Quantum Spin Liquid</b> — ●MICHAEL NORMAN
TT 1.2	Mon	10:00–10:30	HSZ 03	<b>Anisotropic Magnetism and Spin Gap in <math>\alpha</math>-RuCl<sub>3</sub></b> — ●BERND BÜCHNER
TT 1.3	Mon	10:30–11:00	HSZ 03	<b>The Fate of Spinons in Quantum Critical Mott Systems</b> — ●VLADIMIR DOBROSAVLJEVIC
TT 1.4	Mon	11:15–11:45	HSZ 03	<b>Breakdown of Hooke’s Law of Elasticity at the Mott Critical Endpoint in an Organic Conductor</b> — ●ELENA GATI
TT 1.5	Mon	11:45–12:15	HSZ 03	<b>The Widom Line in Pristine Mott Insulators: Dynamical Properties of Quantum Spin Liquids</b> — ●ANDREJ PUSTOGOW
TT 1.6	Mon	12:15–12:45	HSZ 03	<b>Toward Understanding the Complex Magnetism in Kitaev Spin-Liquid Candidates</b> — ●STEPHEN WINTER

#### “Nematicity, Magnetism and Superconductivity in FeSe and Related Compounds”

TT 21.1	Tue	9:30–10:00	HSZ 03	<b>BCS-BEC Crossover, Preformed Pairs and Highly Spin-Polarized Superconducting Phase in FeSe</b> — ●YUJI MATSUDA
TT 21.2	Tue	10:00–10:30	HSZ 03	<b>Discovery of Orbital-Selective Cooper Pairing in FeSe</b> — ●J. C. SÉAMUS DAVIS
TT 21.3	Tue	10:30–11:00	HSZ 03	<b>Frustrated Magnetism and Electron-Electron Interactions in FeSe</b> — ●ROSER VALENTI
TT 21.4	Tue	11:15–11:45	HSZ 03	<b>Orbital-Selective Pairing and Gap Structures of Iron-Based Superconductors</b> — ●BRIAN ANDERSEN
TT 21.5	Tue	11:45–12:15	HSZ 03	<b>New Experimental Results Concerning the Nematic State in Fe-based Superconductors</b> — ●CHRISTOPH MEINGAST

**“Collective Quantum Dynamics: From Fundamentals to New Phenomena”**

TT 46.1	Wed	15:00–15:30	HSZ 03	<b>Many-Body Localization and Glassiness in Quantum Spin Systems</b> — ●ANTONELLO SCARDICCHIO
TT 46.2	Wed	15:30–16:00	HSZ 03	<b>Exploring Many-Body Localization in Two Dimensions</b> — ●CHRISTIAN GROSS
TT 46.3	Wed	16:00–16:30	HSZ 03	<b>Floquet Engineering and Control of Topology in Solid State Systems</b> — ●TAKASHI OKA
TT 46.4	Wed	16:45–17:15	HSZ 03	<b>Hydrodynamic Regimes of Electron Transport</b> — ●ANDREW MACKENZIE
TT 46.5	Wed	17:15–17:45	HSZ 03	<b>Dynamical Phase Transitions</b> — ●STEFAN KEHREIN

**“Superconductivity in the Vicinity of a Quantum Critical Point”**

TT 69.1	Thu	15:00–15:30	HSZ 03	<b>The Antiferromagnet YbRh<sub>2</sub>Si<sub>2</sub> - a New Heavy-Fermion Superconductor</b> — ●FRANK STEGLICH
TT 69.2	Thu	15:30–16:00	HSZ 03	<b>Quantum Criticality in Cuprate and Iron Based Superconductors</b> — ●ANTONY CARRINGTON
TT 69.3	Thu	16:00–16:30	HSZ 03	<b>Evolution of the Fermi Surface of the Nematic Superconductors FeSe<sub>1-x</sub>S<sub>x</sub></b> — ●AMALIA COLDEA
TT 69.4	Thu	16:45–17:15	HSZ 03	<b>Superconductivity near Structural Instabilities</b> — ●MALTE GROSCHE
TT 69.5	Thu	17:15–17:45	HSZ 03	<b>An Empirical Approach to the 2 mK Transition in YbRh<sub>2</sub>Si<sub>2</sub></b> — ●CHRISTOPH GEIBEL

**Focus on 2D Materials (Joint Sessions of DS,DY,HL,TT)****Focus Session “Two-Dimensional Materials” (organized by HL)**

TT 6.1	Mon	9:30–10:00	POT 81	<b>Van der Waals Heterostructures: Tunnelling and Interaction with Light</b> — ●ARTEM MISHCHENKO
TT 6.6	Mon	11:30–12:00	POT 81	<b>Excitons in Ultra-Thin Perovskites and van der Waals Crystals</b> — ●ALEXEY CHERNIKOV
TT 9.1	Mon	14:45–15:15	POT 81	<b>2D / 3D Heterostructures for Optoelectronics</b> — ●MAX LEMME
TT 9.6	Mon	16:45–17:15	POT 81	<b>Excitons in Colloidal 2D-CdSe Nanocrystals</b> — ●ULRIKE WOGGON

**Focus Session “Ballistic Quantum Transport in Graphene” (organized by TT)**

TT 58.1	Thu	9:30–10:00	HSZ 03	<b>Kondo Screening of a Vacancy Magnetic Moment in Graphene</b> — ●EVA Y. ANDREI
TT 58.2	Thu	10:00–10:30	HSZ 03	<b>Higher-Than-Ballistic Conduction in Viscous Electron Fluids</b> — ●LEONID LEVITOV
TT 58.3	Thu	10:30–11:00	HSZ 03	<b>Electron Optics in Ballistic Graphene</b> — ●MING-HAO LIU
TT 58.4	Thu	11:15–11:45	HSZ 03	<b>Ballistic Transport in Mesoscopic Graphene Devices</b> — ●CHRISTOPH STAMPFER
TT 58.5	Thu	11:45–12:15	HSZ 03	<b>Interaction-Induced Conductance from Zero Modes in a Magnetic Graphene Waveguide</b> — ●ALEX ZAZUNOV

**Symposium “Optics and Light-Matter Interaction with Excitons in 2D Materials (SYLM)”**

See SYLM for the abstracts of the symposium.

SYLM 1.1	Thu	15:00–15:30	HSZ 02	<b>Light matter interaction in TMDs and their heterostructures</b> — ●URSULA WURSTBAUER
SYLM 1.2	Thu	15:30–16:00	HSZ 02	<b>Quantum optics with deterministically positioned quantum emitters in a two-dimensional semiconductor</b> — ●BRIAN GERARDOT

SYLM 1.3	Thu	16:00–16:30	HSZ 02	<b>Light-matter coupling with atomic monolayers in microcavities</b> — •CHRISTIAN SCHNEIDER
SYLM 1.4	Thu	17:00–17:30	HSZ 02	<b>Properties of Synthetic 2D Materials and Heterostructures</b> — •JOSHUA ROBINSON
SYLM 1.5	Thu	17:30–18:00	HSZ 02	<b>Exciton spectroscopy in transition metal dichalcogenide monolayers and van der Waals heterostructures</b> — •BERNHARD URBASZEK
SYLM 1.6	Thu	18:00–18:30	HSZ 02	<b>Strain-induced single-photon emitters in layered semiconductors</b> — •RUDOLF BRATSCHITSCH

## Other Joint Symposia with TT participation

### Symposium “Novel Functionality and Topology-Driven Phenomena in Ferroics and Correlated Electron Systems (SYCE)”

See SYCE for the abstracts of the symposium.

SYCE 1.1	Mon	15:00–15:30	HSZ 02	<b>Ferroelectric domain walls: from conductors to insulators and back again</b> — •PETRO MAKSYMOVYCH
SYCE 1.2	Mon	15:30–16:00	HSZ 02	<b>Zoology of skyrmions and the role of magnetic anisotropy in the stability of skyrmions</b> — •ISTVAN KEZSMARKI
SYCE 1.3	Mon	16:00–16:30	HSZ 02	<b>Magnetic imaging of topological phenomena in ferroic materials</b> — •WEIDA WU
SYCE 1.4	Mon	17:00–17:30	HSZ 02	<b>Topological skyrmion textures in chiral magnets</b> — •MARKUS GARST
SYCE 1.5	Mon	17:30–18:00	HSZ 02	<b>Learning through ferroelectric domain dynamics in solidstate synapses</b> — •MANUEL BIBES

### Symposium “Quantum Optics on the Nanoscale: From Fundamental Physics to Quantum Technologies (SYQO)”

See SYQO for the abstracts of the symposium.

SYQO 1.1	Thu	9:30–10:00	HSZ 02	<b>Quantum dot based quantum technologies</b> — •PASCALE SENELLART
SYQO 1.2	Thu	10:00–10:30	HSZ 02	<b>Controlled strong coupling of a single quantum dot to a plasmonic nanoresonator at room temperature</b> — •BERT HECHT
SYQO 1.3	Thu	10:30–11:00	HSZ 02	<b>High efficiency and directional emission from a nanoscale light source in a planar optical antenna</b> — •MARIO AGIO
SYQO 1.4	Thu	11:30–12:00	HSZ 02	<b>Tailoring quantum states by measurement</b> — •JÖRG WRACHTRUP
SYQO 1.5	Thu	12:00–12:30	HSZ 02	<b>Quantum optics and quantum control at the nanoscale with surface plasmon polaritons</b> — •STÉPHANE GUÉRIN

### Symposium “Frontiers of Electronic-Structure Theory: New Concepts and Developments in Density Functional Theory and Beyond (SYES)”

See SYES for the abstracts of the symposium.

SYES 1.1	Fri	10:30–11:00	HSZ 02	<b>Going Beyond Conventional Functionals with Scaling Corrections and Pairing Fluctuations</b> — •WEITAO YANG
SYES 1.2	Fri	11:00–11:30	HSZ 02	<b>Multi-reference density functional theory</b> — •ANDREAS SAVIN
SYES 1.3	Fri	11:30–12:00	HSZ 02	<b>Density functionals from machine learning</b> — •KIERON BURKE
SYES 1.4	Fri	12:00–12:30	HSZ 02	<b>Taming Memory-Dependence in Time-Dependent Density Functional Theory</b> — •NEEPA MAITRA
SYES 1.5	Fri	12:30–13:00	HSZ 02	<b>Quantum Embedding Theories</b> — •FRED MANBY

## Sessions

TT 1.1–1.6	Mon	9:30–12:45	HSZ 03	<b>Focus Session: Frustration in Mott Insulators and Mott Criticality</b>
TT 2.1–2.11	Mon	9:30–12:45	HSZ 103	<b>Superconductivity: Properties and Electronic Structure 1</b>
TT 3.1–3.14	Mon	9:30–13:15	HSZ 201	<b>Transport: Quantum Dots, Quantum Wires, Point Contacts</b>
TT 4.1–4.13	Mon	9:30–13:00	HSZ 204	<b>Transport: Topological Insulators (jointly with DS, MA, HL, O)</b>
TT 5.1–5.13	Mon	9:30–13:00	HSZ 304	<b>Correlated Electrons: (General) Theory 1</b>
TT 6.1–6.9	Mon	9:30–12:45	POT 81	<b>Focus Session: Two-Dimensional Materials I (joint session DS, HL, TT, organized by HL)</b>
TT 7.1–7.11	Mon	9:30–13:00	POT 151	<b>Spintronics I (joint session DS, HL, MA, TT, organized by HL)</b>
TT 8.1–8.10	Mon	10:30–13:00	GER 38	<b>Electronic-Structure Theory: New Concepts and Developments in Density Functional Theory and Beyond - I (joint session DS, HL, MA, MM, O, TT, organized by O)</b>
TT 9.1–9.10	Mon	14:45–18:15	POT 81	<b>Focus Session: Two-Dimensional Materials II (joint session DS, HL, TT, organized by HL)</b>
TT 10.1–10.7	Mon	14:45–17:00	POT 151	<b>Spintronics II (joint session DS, HL, MA, TT, organized by HL)</b>
TT 11.1–11.5	Mon	15:00–18:00	HSZ 02	<b>SYCE: Novel Functionality and Topology-Driven Phenomena in Ferroics and Correlated Electron Systems (joint symposium DF, DS, KR, MA, MI, TT, organized by DS)</b>
TT 12.1–12.11	Mon	15:00–18:15	HSZ 03	<b>Correlated Electrons: Frustrated Magnets - General 1</b>
TT 13.1–13.12	Mon	15:00–18:15	HSZ 103	<b>Superconductivity: Fe-based Superconductors - 122</b>
TT 14.1–14.11	Mon	15:00–18:15	HSZ 201	<b>Superconductivity: Tunnelling, Josephson Junctions, SQUIDS 1</b>
TT 15.1–15.12	Mon	15:00–18:15	HSZ 204	<b>Transport: Graphene and Carbon Nanostructures (jointly with DY, DS, HL, MA, O)</b>
TT 16.1–16.11	Mon	15:00–18:00	HSZ 304	<b>Transport: Topological Phases (jointly with DS, MA, HL, O)</b>
TT 17.1–17.13	Mon	15:00–18:30	HSZ 403	<b>Magnetic Heuslers, Half-Metals and Oxides (joint session MA, TT, organized by MA)</b>
TT 18.1–18.12	Mon	15:00–18:15	GER 38	<b>Electronic-Structure Theory: New Concepts and Developments in Density Functional Theory and Beyond - II (joint session DS, HL, MA, MM, O, TT, organized by O)</b>
TT 19.1–19.70	Mon	15:00–19:00	P2-EG	<b>Poster Session: Correlated Electrons 1</b>
TT 20.1–20.21	Mon	15:00–19:00	P2-OG1	<b>Poster Session: Correlated Electrons 2</b>
TT 21.1–21.5	Tue	9:30–12:15	HSZ 03	<b>Focus Session: Nematicity, Magnetism and Superconductivity in FeSe and Related Compounds</b>
TT 22.1–22.14	Tue	9:30–13:15	HSZ 103	<b>Transport: Quantum Coherence and Quantum Information Systems - Theory (jointly with MA, HL)</b>
TT 23.1–23.8	Tue	9:30–11:45	HSZ 201	<b>Transport: Topological Semimetals 1 (jointly with DS, MA, HL, O)</b>
TT 24.1–24.13	Tue	9:30–13:00	HSZ 204	<b>Low-Dimensional Systems: 1D - Theory</b>
TT 25.1–25.13	Tue	9:30–13:00	HSZ 304	<b>Correlated Electrons: Frustrated Magnets - Strong Spin-Orbit Coupling 1</b>
TT 26.1–26.12	Tue	9:30–13:15	POT 51	<b>Two-Dimensional Materials III (joint session DS, HL, TT, organized by HL)</b>
TT 27.1–27.7	Tue	9:30–12:45	POT 151	<b>Focus Session: Topological Insulators on Coupled Quantum Wells (joint session DS, HL, MA, O, TT, organized by HL)</b>
TT 28.1–28.9	Tue	10:30–13:00	GER 38	<b>Electronic-Structure Theory: New Concepts and Developments in Density Functional Theory and Beyond - III (joint session DS, HL, MA, MM, O, TT, organized by O)</b>
TT 29.1–29.4	Tue	12:00–13:00	HSZ 201	<b>Other Low Temperature Topics: Cold Atomic Gases</b>
TT 30.1–30.8	Tue	14:00–16:00	HSZ 03	<b>Correlated Electrons: Quantum Impurities, Kondo Physics</b>
TT 31.1–31.8	Tue	14:00–16:00	HSZ 103	<b>Correlated Electrons: Other Materials</b>
TT 32.1–32.5	Tue	14:00–15:15	HSZ 201	<b>Transport: Nanomechanics and Optomechanics (jointly with CPP, DY, BP, DF)</b>
TT 33.1–33.8	Tue	14:00–16:00	HSZ 204	<b>Transport: Majorana Fermions</b>
TT 34.1–34.7	Tue	14:00–15:45	HSZ 301	<b>Spintronics, incl. Quantum Dynamics (joint session DS, HL, MA, TT, organized by MA)</b>

TT 35.1–35.6	Tue	14:00–15:30	HSZ 304	<b>Low-Dimensional Systems: 2D - Theory</b>
TT 36.1–36.11	Tue	10:00–13:00	ZEU 147	<b>Brownian Motion (jointly with DY)</b>
TT 37.1–37.14	Tue	18:30–20:30	P2-EG	<b>Graphene Posters (joint session DS, DY, HL, MA, O, TT, organized by O)</b>
TT 38.1–38.13	Wed	9:30–13:00	HSZ 03	<b>Transport: Quantum Coherence and Quantum Information Systems - Experiment (jointly with MA, HL)</b>
TT 39.1–39.14	Wed	9:30–13:15	HSZ 103	<b>Superconductivity: (General) Theory</b>
TT 40.1–40.12	Wed	9:30–12:45	HSZ 201	<b>Transport: Molecular Electronics and Photonics (jointly with CPP, HL, MA, O)</b>
TT 41.1–41.13	Wed	9:30–13:00	HSZ 204	<b>Correlated Electrons: Quantum-Critical Phenomena</b>
TT 42.1–42.13	Wed	9:30–13:00	HSZ 304	<b>Correlated Electrons: Frustrated Magnets - Strong Spin-Orbit Coupling 2</b>
TT 43.1–43.13	Wed	9:30–13:15	POT 51	<b>Two-Dimensional Materials IV (joint session DS, HL, TT, organized by HL)</b>
TT 44.1–44.5	Wed	10:30–13:00	TRE Phy	<b>Focus Session: Non-Equilibrium Dynamics in Light-Driven Materials: Theory Meets Experiment (joint session O, TT, organized by O)</b>
TT 45.1–45.9	Wed	10:30–13:00	GER 38	<b>Electronic-Structure Theory: New Concepts and Developments in Density Functional Theory and Beyond - IV (joint session DS, HL, MA, MM, O, TT, organized by O)</b>
TT 46.1–46.5	Wed	15:00–17:45	HSZ 03	<b>Focus Session: Collective Quantum Dynamics: From Fundamentals to New Phenomena</b>
TT 47.1–47.10	Wed	15:00–18:00	HSZ 103	<b>Superconductivity: Properties and Electronic Structure 2</b>
TT 48.1–48.10	Wed	15:00–17:45	HSZ 201	<b>Superconductivity: Tunnelling, Josephson Junctions, SQUIDS 2</b>
TT 49.1–49.10	Wed	15:00–17:45	HSZ 204	<b>Transport: Topological Semimetals 2 (jointly with DS, MA, HL, O)</b>
TT 50.1–50.11	Wed	15:00–18:00	HSZ 304	<b>Correlated Electrons: Frustrated Magnets - Low-Dimensional Systems</b>
TT 51.1–51.10	Wed	15:00–18:00	HSZ 401	<b>Topological Insulators (joint session DS, HL, MA, O, TT, organized by MA)</b>
TT 52.1–52.13	Wed	15:00–18:15	GER 38	<b>Electronic-Structure Theory: New Concepts and Developments in Density Functional Theory and Beyond - V (joint session DS, HL, MA, MM, O, TT, organized by O)</b>
TT 53.1–53.22	Wed	15:00–19:00	P2-OG2	<b>Poster Session: Superconductivity 1</b>
TT 54.1–54.9	Wed	15:00–19:00	P2-OG3	<b>Poster Session: Cryotechnique</b>
TT 55.1–55.22	Wed	15:00–19:00	P2-OG3	<b>Poster Session: Superconductivity 2</b>
TT 56.1–56.18	Wed	15:00–19:00	P2-OG4	<b>Poster Session: Low-Dimensional Systems</b>
TT 57.1–57.5	Thu	9:30–12:30	HSZ 02	<b>SYQO: Quantum Optics on the Nanoscale: From Fundamental Physics to Quantum Technologies (joint symposium HL,DS,O,TT, organized by HL)</b>
TT 58.1–58.8	Thu	9:30–13:00	HSZ 03	<b>Focus Session on 2D Materials: Ballistic Quantum Transport in Graphene (jointly with DY, DS, HL, MA, O)</b>
TT 59.1–59.10	Thu	9:30–12:15	HSZ 103	<b>Superconductivity: Fe-based Superconductors - FeSe and others</b>
TT 60.1–60.14	Thu	9:30–13:15	HSZ 201	<b>Correlated Electrons: f-Electron Systems</b>
TT 61.1–61.13	Thu	9:30–13:00	HSZ 204	<b>Correlated Electrons: (General) Theory 2</b>
TT 62.1–62.12	Thu	9:30–13:00	HSZ 304	<b>Correlated Electrons: Nonequilibrium Quantum Many-Body Systems 1</b>
TT 63.1–63.9	Thu	9:30–12:00	HSZ 403	<b>Spincaloric Transport (joint session MA, TT, organized by MA)</b>
TT 64.1–64.13	Thu	9:30–13:15	ZEU 160	<b>Coherent Quantum Dynamics (joint session DY, TT, organized by DY)</b>
TT 65.1–65.10	Thu	9:30–12:45	POT 251	<b>Topological Insulators I (joint session DS, HL, MA, O, TT, organized by HL)</b>
TT 66.1–66.10	Thu	10:30–13:00	WIL A317	<b>Graphene: Electronic Properties, Structure and Substrate Interaction I (joint session DY, DS, HL, MA, O, TT, organized by O)</b>
TT 67.1–67.6	Thu	14:45–16:45	POT 251	<b>Topological Insulators II (joint session DS, HL, MA, O, TT, organized by HL)</b>

TT 68.1–68.6	Thu	15:00–18:30	HSZ 02	<b>SYLM: Optics and Light-Matter Interaction with Excitons in 2D Materials</b> (joint symposium DS, DY, HL, TT, organized by HL)
TT 69.1–69.7	Thu	15:00–18:15	HSZ 03	<b>Focus Session: Superconductivity in the Vicinity of a Quantum Critical Point</b>
TT 70.1–70.11	Thu	15:00–18:15	HSZ 103	<b>Superconductivity: Fe-based Superconductors - Theory</b>
TT 71.1–71.11	Thu	15:00–18:00	HSZ 201	<b>Superconductivity: Cryodetectors and Cryotechnique</b>
TT 72.1–72.13	Thu	15:00–18:30	HSZ 204	<b>Correlated Electrons: Frustrated Magnets - General 2</b>
TT 73.1–73.11	Thu	15:00–18:00	HSZ 304	<b>Correlated Electrons: Nonequilibrium Quantum Many-Body Systems 2</b>
TT 74.1–74.13	Thu	15:00–18:15	TRE Ma	<b>Graphene: Electronic Properties, Structure and Substrate Interaction II</b> (joint session DY, DS, HL, MA, O, TT, organized by O)
TT 75.1–75.32	Thu	15:00–19:00	P2-EG	<b>Poster Session: Transport 1</b>
TT 76.1–76.27	Thu	15:00–19:00	P2-OG1	<b>Poster Session: Transport 2</b>
TT 77.1–77.9	Thu	16:00–18:30	GER 38	<b>Electronic-Structure Theory: New Concepts and Developments in Density Functional Theory and Beyond - VI</b> (joint session DS, HL, MA, MM, O, TT, organized by O)
TT 78.1–78.2	Thu	17:00–17:30	CHE 91	<b>Quantum Optics at the Nanoscale: From Fundamental Physics to Quantum Technologies</b> (joint session HL, DS, O, and TT, organized by DS)
TT 79.1–79.8	Fri	9:30–11:30	HSZ 03	<b>Transport: Spintronics, Spincalorics and Magnetotransport</b> (jointly with DS, HL, MA)
TT 80.1–80.6	Fri	9:30–11:00	HSZ 103	<b>Low-Dimensional Systems: Oxide Hetero-Interfaces</b>
TT 81.1–81.4	Fri	9:30–10:30	HSZ 304	<b>Correlated Electrons: Chiral Magnets</b>
TT 82.1–82.6	Fri	9:30–11:15	POT 81	<b>Quantum Information Systems</b> (joint session HL, MA, TT, organized by HL)
TT 83.1–83.10	Fri	9:30–12:30	POT 251	<b>Topological Insulators III</b> (joint session DS, HL, MA, O, TT, organized by HL)
TT 84.1–84.5	Fri	10:30–13:00	HSZ 02	<b>SYES: Frontiers of Electronic-Structure Theory: New Concepts and Developments in Density Functional Theory and Beyond</b> (joint symposium DS, HL, MA, MM, O, TT, organized by O)
TT 85.1–85.10	Fri	10:30–13:00	TRE Ma	<b>Graphene: Adsorption, Intercalation and Other Aspects</b> (joint session DY, DS, HL, MA, O, TT, organized by O)
TT 86.1–86.3	Fri	11:15–12:00	HSZ 103	<b>Low-Dimensional Systems: Charge Order</b>
TT 87.1–87.4	Fri	11:15–12:15	CHE 89	<b>Optics and Light-Matter Interaction with Excitons in 2D Materials</b> (joint session HL, DS, O, and TT, organized by DS)

## Annual General Meeting of the Low Temperature Physics Division

Thu 19:00–20:30 HSZ 304

- Report
- Election
- Miscellaneous