Low Temperature Physics Division
Fachverband Tiefe Temperaturen (TT)

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Overview of Invited Talks and Sessions

(Lecture rooms: H 0104, H 0110, H 2053, H 3005, H 3010, and A 053; Posters: B)

Invited and Topical Talks except for Focus Sessions

TT 4.1	Mon	9:30–10:00	H 0104	**Entanglement in the Many-Body Localized Phase and Transition** — •Jens H. Bardarson
TT 20.1	Mon	15:00–15:30	A 053	**The Wires' Approach to Topological Insulators** — •Yuval Oreg
TT 31.1	Tue	9:30–10:00	H 2053	**Electronic Correlations in Hole- and Electron-Doped Fe-Based Superconductors and Evidence for the C_4-Magnetic Phase in $Ba_{1-x}K_xFe_2As_2$** — •Frédéric Hardy
TT 32.7	Tue	11:15–11:45	H 3005	**Interacting Topological Insulators** — •Stephan Rachel
TT 43.1	Tue	14:00–14:30	H 2053	**Magnetism and Superconductivity in Eu-Based Iron Pnictides** — •Sina Zapf
TT 65.1	Wed	15:00–15:30	H 0104	**Strong Correlations in Disordered One-Dimensional Systems** — •Christoph Karrasch
TT 68.7	Wed	16:45–17:15	H 3010	**Structural Stability and Lattice Dynamics of Correlated Electron Materials** — •Ivan Leonov
TT 66.9	Wed	17:15–17:45	H 2053	**Probing Andreev Bound States in One-Atom Superconducting Contacts** — •Hugues Pothier
TT 85.1	Thu	9:30–10:00	H 2053	**A Brisk Walk through Phase Transitions in Time: Oscillating Order and the Dynamics of Topological Defects** — •Dragan Mihailovic
TT 102.7	Thu	16:45–17:15	A 053	**Microscopic Origin of the 0.7-Anomaly in Quantum Point Contacts: Correlations in 1D** — •Stefan Ludwig

Tutorial "Nonequilibrium Renormalization Group Methods"

TT 1.1	Sun	16:05–16:45	H 0110	**From Lunar Motion to Real Time Evolution of Quantum Many-Body Systems** — •Stefan Kehrein
TT 1.2	Sun	16:50–17:30	H 0110	**Functional Renormalization Group Approach to Nonequilibrium Transport through Mesoscopic Systems** — •Severin Georg Jakobs
TT 1.3	Sun	17:35–18:15	H 0110	**Real-Time RG: Nonequilibrium Properties of Open Quantum Systems** — •Herbert Schoeller

Tutorial "Ferroics" (organized by DF)

DF 1.1	Sun	16:00–16:50	H 0107	**Fundamentals of ferroelectric materials** — •Susan Trolier-McKinstry
DF 1.2	Sun	16:50–17:40	H 0107	**Domain walls in multiferroics as functional oxide interfaces** — •Manfred Fiebig
DF 1.3	Sun	17:40–18:30	H 0107	**Ferroelastic templates for multiferroic domain boundaries** — •Ekhard Salje

Tutorial "Density Functional Theory: A Computational Path to Interesting Spin-Textures and Novel Skyrmions" (organized by MA)

MA 1.1	Sun	16:05–16:50	H 1012	**Introduction to Spin-Density-Functional Theory** — •Nicole Helbig
MA 1.2	Sun	16:50–17:35	H 1012	**Determining chiral magnetism from density functional theory** — •Stefan Blügel
MA 1.3	Sun	17:45–18:30	H 1012	**Magneto-transport properties in spiralling spin textures** — •Yuriy Mokrousov

Invited and Topical Talks of the Focus Session "Skyrmionics: Future of Spintronics?"

TT 15.1	Mon	15:00–15:30	H 0104	**Skyrmion Dynamics** — •Yoshinori Tokura
TT 15.2	Mon	15:30–16:00	H 0104	**Topological Transport Phenomena in Magnetic Skyrmion Matter** — •Markus Garst
TT 15.3	Mon	16:00–16:30	H 0104	**Interface Induced Individual Skyrmions in Thin Films and Multilayers** — •A. Fert
TT 15.4	Mon	16:45–17:15	H 0104	**Magnetic Skyrmions and Chiral Spin Structures in Ultra-Thin Films** — •Stefan Blügel
TT 15.5	Mon	17:15–17:45	H 0104	**Racetrack Memory: Highly Efficient Current Induced Domain Wall Motion in Synthetic Antiferromagnetic Racetracks** — •Stuart Parkin

Invited and Topical Talks of the Focus Session "Dynamics in Many-Body Systems: Equilibration and Localization"

TT 29.1	Tue	9:30–10:00	H 0104	**Probing Non-Equilibrium Dynamics with Ultracold Atoms: from Quantum Magnetism to Many-Body Localization** — •Immanuel Bloch
TT 29.2	Tue	10:00–10:30	H 0104	**Many-Body Localization** — •Dmitry Abanin
TT 29.3	Tue	10:30–11:00	H 0104	**Long-Time Behaviour of Periodically Driven Many-Body Quantum Systems** — •Achilleas Lazarides
TT 29.4	Tue	11:15–11:45	H 0104	**Many Body Localization and Eigenstate Order** — •Shivaji Sondhi
TT 29.5	Tue	11:45–12:15	H 0104	**Anderson Transitions and Electron-Electron Interaction** — •Alexander Mirlin

Invited and Topical Talks of the Focus Session "Electric Power Applications of Superconductivity"

TT 51.1	Wed	9:30–10:00	H 0104	**High Power Equipment based on High-Temperature Superconductors: the Added Value from an Industrial Point of View** — •Tabea Arndt
TT 51.2	Wed	10:00–10:30	H 0104	**Conductors and Cables from REBCO High Temperature Superconductors for Applications** — •Wilfried Goldacker
TT 51.3	Wed	10:30–11:00	H 0104	**Power Transmission via Superconducting Lines** — •Amalia Ballarino
TT 51.4	Wed	11:15–11:45	H 0104	**High field transport properties of MBE processed Fe-based superconducting thin films** — •Kazumasa Iida
TT 51.5	Wed	11:45–12:15	H 0104	**Advanced Superconducting Power Cable for MV Urban Power Supply** — •Frank Schmidt

Invited and Topical Talks of the Focus Session "Nanoscopic Superconducting Heterostructures"

TT 84.1	Thu	9:30–10:00	H 0104	**Creating and Manipulating Nonequilibrium Spins in Nanoscale Superconductors** — •Detlef Beckmann
TT 84.2	Thu	10:00–10:30	H 0104	**Non-Equilibrium Effects in a Josephson Junction Coupled to a Precessing Spin** — •Mikael Fogelström
TT 84.3	Thu	10:30–11:00	H 0104	**Signature of Magnetic-Dependent Gapless Odd Frequency States at Superconductor / Ferromagnet Interfaces** — •Jason Robinson
TT 84.4	Thu	11:15–11:45	H 0104	**Thermoelectric Effects and Spin Injection into Superconductors with Exchange Field** — •Tero Heikkilä
TT 84.5	Thu	11:45–12:15	H 0104	**Spin Injection and Relaxation in a Mesoscopic Superconductor** — •Marco Aprili

Invited and Topical Talks of the Focus Session "Visualization of Heavy Fermion Formation through Scanning Tunneling Microscopy"

TT 98.1	Thu	15:00–15:30	H 0104	**Scanning Tunneling Spectroscopy: a New Tool for Probing Heavy Fermion Materials** — •Piers Coleman
TT 98.2	Thu	15:30–16:00	H 0104	**The Single-Atom Kondo Effect as a Local Probe for Magnetic Interactions** — •Jörg Kröger
TT 98.3	Thu	16:00–16:30	H 0104	**Correlated Electrons under the Microscope: from Atomic Scale Model Systems to Bulk Materials** — •Peter Wahl
TT 98.4	Thu	16:45–17:15	H 0104	**Developing Kondo Lattice Coherence and Quantum Criticality in $YbRh_2Si_2$** — •Steffen Wirth
TT 98.5	Thu	17:15–17:45	H 0104	**Visualizing the Formation and Magnetically-Mediated Cooper Pairing of Heavy Fermions** — •JC Seamus Davis

Invited Talks of the Joint Symposium SYDW "Domain Wall Functionality and Engineering in Complex Oxides"

See SYDW for the full program of the symposium.

SYDW 1.1	Mon	9:30–10:00	H 0105	**Domain walls: from conductive paths to technology roadmaps** — •Gustau Catalan
SYDW 1.2	Mon	10:00–10:30	H 0105	**Domain walls and oxygen vacancies - towards reversible control of domain wall conductance** — •Patrycja Paruch
SYDW 1.3	Mon	10:30–11:00	H 0105	**Novel mechanisms of domain-wall formation** — •Andres Cano
SYDW 1.4	Mon	11:30–12:00	H 0105	**Novel materials at domain walls** — •Beatriz Noheda
SYDW 1.5	Mon	12:00–12:30	H 0105	**Controlling and mapping domain wall behaviour in ferroelectrics** — •John Martin Gregg

Invited Talks of the Joint Symposium SYHM "Higgs Modes in Condensed Matter and Quantum Gases"

See SYHM for the full program of the symposium.

SYHM 1.1	Wed	15:00–15:30	H 0105	**Amplitude or Higgs Modes in Condensed Matter** — •Chandra Varma
SYHM 1.2	Wed	15:30–16:00	H 0105	**Higgs Particles for Systems with U(1) Symmetry in Two Dimensions** — •Lode Pollet
SYHM 1.3	Wed	16:00–16:30	H 0105	**Massive Photons and the Anderson-Higgs Mechanism in Superconductors** — •Dirk van der Marel
SYHM 1.4	Wed	16:45–17:15	H 0105	**Amplitude Higgs Mode in $2H$-$NbSe_2$ Superconductor** — •Marie-Aude Méasson
SYHM 1.5	Wed	17:15–17:45	H 0105	**The Higgs Mode in Disordered Superconductors Close to a Quantum Phase Transition** — •Aviad Frydman

Invited Talks of the Joint Symposium SYMM "Magic MAX Phases: Self-healing, Magnetism and the Next Best Graphene"

See SYMM for the full program of the symposium.

SYMM 1.1	Thu	9:30–10:15	H 0105	**From MAX to MXene - From 3D to 2D** — •Michel Barsoum
SYMM 1.2	Thu	10:15–10:45	H 0105	**Structure evolution during low temperature growth of nanolaminate thin films** — •J.M. Schneider
SYMM 1.3	Thu	11:00–11:30	H 0105	**Autonomous healing of crack damage in MAX phase ceramics** — •Willem G. Sloof
SYMM 1.4	Thu	11:30–12:00	H 0105	**Magnetic MAX phases from first principles and thin film synthesis** — •Johanna Rosen
SYMM 1.5	Thu	12:00–12:30	H 0105	**Weak Field Magneto-Transport Properties of Mn+1AXn Phases** — •Thierry Ouisse

Invited Talks of the Joint Symposium SYGP "Geometric Paradigms in Modern Physics"

See SYGP for the full program of the symposium.

SYGP 1.1	Thu	15:00–15:30	H 0105	**General relativity: a theory born in creative confusion** — •Harvey Brown
SYGP 1.2	Thu	15:30–16:00	H 0105	**Gravitating Non-Abelian Fields: Solitons and Black Holes** — •Jutta Kunz
SYGP 1.3	Thu	16:00–16:30	H 0105	**Geometric principles in the physics of topological matter** — •Alexander Altland
SYGP 1.4	Thu	16:30–17:00	H 0105	**General Covariance in Quantum Field Theory on Curved Spacetimes** — •Thomas-Paul Hack
SYGP 1.5	Thu	17:00–17:30	H 0105	**The (noncommutative) Geometry of the Standard Model of Particle Physics** — •Christoph Stephan

Invited Talks of the Joint Symposium SYME "Frontiers of Electronic Structure Theory: Many-body Effects on the Nano-Scale"

See SYME for the full program of the symposium.

SYME 1.1	Fri	9:30–10:00	H 0105	**Excitations and charge transfer phenomena in C based systems** — •Elisa Molinari
SYME 1.2	Fri	10:00–10:30	H 0105	**Towards optimal correlation factors for many-electron perturbation theories** — •Andreas Grüneis
SYME 1.3	Fri	10:30–11:00	H 0105	**Towards an ab-initio description of high temperature superconductivity** — •Garnet Chan
SYME 1.4	Fri	11:15–11:45	H 0105	**Correlation effects in unconventional superconductors: from micro- to nano- and macroscales.** — •Roser Valenti
SYME 1.5	Fri	11:45–12:15	H 0105	**Stochastic density functional and GW theories scaling linearly with system size** — •Roi Baer

Sessions

TT 1.1–1.3	Sun	16:00–18:15	H 0110	**Tutorial: Nonequilibrium Renormalization Group Methods**
TT 2.1–2.3	Sun	16:00–18:30	H 0107	**Tutorial: Ferroics (organized by DF)**
TT 3.1–3.3	Sun	16:00–18:30	H 1012	**Tutorial: Density Functional Theory: A Computational Path to Interesting Spin-Textures and Novel Skyrmions (organized by MA)**
TT 4.1–4.12	Mon	9:30–13:00	H 0104	**Correlated Electrons: Nonequilibrium Quantum Many-Body Systems 1 (jointly with DY)**
TT 5.1–5.13	Mon	9:30–13:00	H 0110	**Correlated Electrons: Spin Systems and Itinerant Magnets – Frustrated Magnets 1 (jointly with MA)**
TT 6.1–6.11	Mon	9:30–12:30	H 2053	**Superconductivity: Cryodetectors**
TT 7.1–7.13	Mon	9:30–13:00	H 3005	**Transport: Quantum Coherence and Quantum Information Systems – Theory (jointly with HL, MA)**
TT 8.1–8.11	Mon	9:30–12:30	H 3010	**Low-Dimensional Systems: Oxide Hetero-Interfaces**
TT 9.1–9.9	Mon	9:30–12:00	A 053	**Transport: Spintronics and Magnetotransport (jointly with HL, MA)**
TT 10.1–10.14	Mon	9:30–13:00	H 2032	**Organic Electronics and Photovoltaics (organized by DS)**
TT 11.1–11.12	Mon	9:30–12:45	H 0112	**Magnetic Heuslers, Half-Metals and Oxides (jointly with MA)**
TT 12.1–12.8	Mon	9:30–11:30	ER 270	**Graphene: THz, NIR, and Transport Properties (jointly with HL, O)**
TT 13.1–13.12	Mon	9:30–13:15	EW 201	**Focus Session: Functional Semiconductor Nanowires I (organized by HL)**
TT 14.1–14.12	Mon	9:30–12:45	EB 301	**Surface Magnetism – Skyrmions (jointly with MA, O)**
TT 15.1–15.5	Mon	15:00–17:45	H 0104	**Focus Session: Skyrmionics: Future of Spintronics? (jointly with MA)**
TT 16.1–16.9	Mon	15:00–17:15	H 0110	**Transport: Quantum Coherence and Quantum Information Systems – Experiments (jointly with HL, MA)**

TT 17.1–17.14	Mon	15:00–18:45	H 2053	**Superconductivity: Properties and Electronic Structure**
TT 18.1–18.13	Mon	15:00–18:30	H 3005	**Correlated Electrons: Spin Systems and Itinerant Magnets – Frustrated Magnets 2 (jointly with MA)**
TT 19.1–19.11	Mon	15:00–18:00	H 3010	**Correlated Electrons: Nonequilibrium Quantum Many-Body Systems 2 (jointly with DY)**
TT 20.1–20.9	Mon	15:00–17:45	A 053	**Transport: Topological Insulators 1 (jointly with DS, HL, MA, O)**
TT 21.1–21.54	Mon	15:00–18:00	Poster B	**Superconductivity: Poster Session**
TT 22.1–22.4	Mon	15:00–18:00	Poster B	**Other Low Temperature Topics: Poster Session**
TT 23.1–23.14	Mon	15:00–18:45	H 1012	**Magnetic Heuslers, Half-Metals, Semiconductors, and Oxides (organized by MA)**
TT 24.1–24.12	Mon	15:00–18:45	EW 201	**Focus Session: Functional Semiconductor Nanowires II (organized by HL)**
TT 25.1–25.13	Mon	15:00–18:45	BH-N 243	**Brownian Motion and Transport (jointly with DY, CPP)**
TT 26.1–26.13	Mon	15:00–18:30	BH-N 334	**Quantum Dynamics, Decoherence and Quantum Information (jointly with DY)**
TT 27.1–27.9	Mon	15:00–17:15	ER 164	**Graphene: Theory (jointly with HL, O)**
TT 28.1–28.30	Mon	19:00–21:00	Poster C	**Poster Session on Ferroic Domain Walls - Multiferroics (jointly with DF, KR, MA)**
TT 29.1–29.8	Tue	9:30–13:00	H 0104	**Focus Session: Dynamics in Many-Body Systems: Equilibration and Localization (joint session TT/DY)**
TT 30.1–30.13	Tue	9:30–13:00	H 0110	**Correlated Electrons: Spin Systems and Itinerant Magnets – Frustrated Magnets 3 (jointly with MA)**
TT 31.1–31.11	Tue	9:30–12:45	H 2053	**Superconductivity: Fe-based Superconductors – 122 and 111**
TT 32.1–32.12	Tue	9:30–13:00	H 3005	**Transport: Topological Insulators 2 (jointly with DS, HL, MA, O)**
TT 33.1–33.10	Tue	9:30–12:15	H 3010	**Low-Dimensional Systems: Other Materials**
TT 34.1–34.10	Tue	9:30–12:15	A 053	**Transport: Graphene (jointly with CPP, DS, DY, HL, MA, O)**
TT 35.1–35.16	Tue	9:30–16:30	EB 301	**PhD Symposium: Quantum Phase Transitions: Emergent Phenomena beyond Elementary Excitations (organized by MA, jDPG)**
TT 36.1–36.13	Tue	9:30–13:00	C 130	**Organic Electronics and Photovoltaics: Transport of Charges – from Molecules to Devices (jointly with CPP, HL)**
TT 37.1–37.6	Tue	9:30–11:00	H 0111	**Thermoelectric Materials (organized by DS)**
TT 38.1–38.11	Tue	10:30–13:30	MA 004	**Frontiers of Electronic Structure Theory: Nuclear Dynamics, Methods (jointly with O, HL)**
TT 39.1–39.10	Tue	10:30–13:00	MA 041	**Graphene: Growth & Intercalation (jointly with O, HL)**
TT 40.1–40.11	Tue	9:30–12:30	H 0112	**Electronic Structure of Magnetism, Micromagnetism, Computational Magnetism (organized by MA)**
TT 41.1–41.8	Tue	9:30–11:30	ER 270	**Spintronics: Excitons and Local Spins (jointly with HL, MA)**
TT 42.1–42.8	Tue	14:00–16:00	H 0110	**Transport: Topological Insulators 3 (jointly with DS, HL, MA, O)**
TT 43.1–43.6	Tue	14:00–15:45	H 2053	**Superconductivity: Fe-based Superconductors – 122**
TT 44.1–44.7	Tue	14:00–15:45	H 3005	**Correlated Electrons: Quantum-Critical Phenomena – Experiments**
TT 45.1–45.8	Tue	14:00–16:00	H 3010	**Correlated Electrons: Nonequilibrium Quantum Many-Body Systems 3 (jointly with DY)**
TT 46.1–46.7	Tue	14:00–15:45	A 053	**Transport: Nanomechanics (jointly with MM)**
TT 47.1–47.7	Tue	14:00–16:00	C 130	**Organic Electronics and Photovoltaics: OPV I (jointly with CPP, HL, O)**
TT 48.1–48.6	Tue	14:30–16:00	BH-N 334	**Quantum Chaos (jointly with DY)**
TT 49.1–49.6	Tue	14:00–15:45	MA 004	**Frontiers of Electronic Structure Theory: Charge and Spin Dynamics (jointly with O, HL)**
TT 50.1–50.20	Tue	18:15–21:00	Poster A	**Graphene (organized by O)**
TT 51.1–51.5	Wed	9:30–12:15	H 0104	**Focus Session: Electric Power Applications of Superconductivity**

TT 52.1–52.11	Wed	9:30–12:30	H 2053	**Superconductivity: Fe-based Superconductors – FeSe and others**
TT 53.1–53.1	Wed	9:30– 9:45	H 3005	**Superconductivity: Vortex Physics**
TT 54.1–54.5	Wed	9:45–11:00	H 3005	**Superconductivity: Heterostructures**
TT 55.1–55.13	Wed	9:30–13:00	H 3010	**Low-Dimensional Systems: 2D – Theory**
TT 56.1–56.14	Wed	9:30–13:15	A 053	**Correlated Electrons: Quantum-Critical Phenomena – Theory**
TT 57.1–57.5	Wed	11:30–12:45	H 3005	**Transport: Fluctuations and Noise (jointly with CPP, DY)**
TT 58.1–58.8	Wed	9:30–11:30	H 0110	**Spincaloric Transport I (jointly with MA)**
TT 59.1–59.13	Wed	9:30–13:00	EB 107	**Multiferroics I (jointly with DF, DS, KR, MA)**
TT 60.1–60.13	Wed	9:30–13:00	C 130	**Organic Electronics and Photovoltaics: OPV II (jointly with CPP, HL)**
TT 61.1–61.11	Wed	10:30–13:30	MA 004	**Frontiers of Electronic Structure Theory: Organics and Materials (jointly with O, HL)**
TT 62.1–62.9	Wed	10:30–13:00	MA 041	**Graphene: Dynamics (jointly with O, HL)**
TT 63.1–63.8	Wed	9:30–11:30	ER 270	**Topological Insulators: Theory (jointly with HL, DS, MA, O)**
TT 64.1–64.8	Wed	11:00–13:00	EW 202	**Quantum Information Systems: Mostly Concepts (jointly with HL)**
TT 65.1–65.15	Wed	15:00–19:15	H 0104	**Low-Dimensional Systems: 1D – Theory**
TT 66.1–66.15	Wed	15:00–19:15	H 2053	**Superconductivity: Tunneling, Josephson Junctions, SQUIDs**
TT 67.1–67.10	Wed	15:00–17:45	H 3005	**Correlated Electrons: f-Electron Systems**
TT 68.1–68.11	Wed	15:00–18:15	H 3010	**Correlated Electrons: (General) Theory 1**
TT 69.1–69.15	Wed	15:00–19:00	A 053	**Other Low Temperature Topics: Cold Atomic Gases**
TT 70.1–70.5	Wed	18:00–19:15	H 3005	**Correlated Electrons: Spin Systems and Itinerant Magnets – Chiral Magnets (jointly with MA)**
TT 71.1–71.80	Wed	15:00–18:00	Poster B	**Correlated Electrons: Poster Session**
TT 72.1–72.21	Wed	15:00–18:00	Poster B	**Low-Dimensional Systems: Poster Session**
TT 73.1–73.8	Wed	15:00–17:00	H 0110	**Spincaloric Transport II (jointly with MA)**
TT 74.1–74.5	Wed	15:00–17:45	H 1012	**Focus Session: Ultra-Fast Magnetism under Electronic Nonequilibrium Conditions (organized by MA)**
TT 75.1–75.13	Wed	15:00–18:50	EB 107	**Multiferroics II (jointly with DF, DS, KR, MA)**
TT 76.1–76.8	Wed	16:45–18:45	ER 270	**Graphene: Applications, Luminescence, and Spin Relaxation (jointly with HL, O)**
TT 77.1–77.6	Wed	15:00–16:30	ER 270	**Topological Insulators: Structure and Electronic Structure (jointly with HL, DS, MA, O)**
TT 78.1–78.5	Wed	11:45–13:00	ER 270	**Topological Insulators: Transport (jointly with HL, DS, MA, O)**
TT 79.1–79.13	Wed	15:00–18:30	MA 004	**Frontiers of Electronic Structure Theory: Optical Excitation (organized by O)**
TT 80.1–80.10	Wed	15:00–17:45	MA 005	**2D Materials Beyond Graphene: TMDCs, Silicene and Relatives (organized by O)**
TT 81.1–81.10	Wed	18:15–21:00	Poster A	**Electronic Structure Theory: Many-Body Effects (organized by O)**
TT 82.1–82.7	Wed	18:15–21:00	Poster A	**Electronic Structure Theory: General, Method Development (organized by O)**
TT 83.1–83.7	Wed	18:15–21:00	Poster A	**Graphene: Adsorption, Intercalation and Doping (organized by O)**
TT 84.1–84.9	Thu	9:30–13:15	H 0104	**Focus Session: Nanoscopic Superconducting Heterostructures**
TT 85.1–85.6	Thu	9:30–11:15	H 2053	**Superconductivity: Higgs Modes in Condensed Matter and Quantum Gases (jointly with DY, MA, O)**
TT 86.1–86.13	Thu	9:30–13:00	H 3005	**Correlated Electrons: (General) Theory 2**
TT 87.1–87.6	Thu	9:30–11:00	H 3010	**Low-Dimensional Systems: Molecular Conductors (jointly with CPP, HL, MA, O)**
TT 88.1–88.5	Thu	9:30–10:45	A 053	**Transport: Carbon Nanotubes**
TT 89.1–89.8	Thu	11:00–13:00	A 053	**Transport: Quantum Dots, Quantum Wires, Point Contacts 1 (jointly with HL)**
TT 90.1–90.6	Thu	11:30–13:00	H 3010	**Low-Dimensional Systems: Topological Order 1 (jointly with DS, HL, MA, O)**

TT 91.1–91.6	Thu	11:30–13:00	H 2053	**Superconductivity: (General) Theory 1**
TT 92.1–92.10	Thu	9:30–12:00	EB 202	**Topological Insulators I (jointly with MA, DS, HL, O)**
TT 93.1–93.13	Thu	9:30–13:00	H 0111	**Graphen (organized by DS)**
TT 94.1–94.8	Thu	9:30–11:30	H 0112	**Spin-Dependent Transport Phenomena I (organized by MA)**
TT 95.1–95.9	Thu	10:00–12:30	ER 164	**Spintronics: Mobile Electrons and Holes (jointly with HL, MA)**
TT 96.1–96.10	Thu	10:30–13:15	MA 004	**Frontiers of Electronic Structure Theory: 2D TMDC and Excitonic Effects (organized by O)**
TT 97.1–97.10	Thu	10:30–13:00	MA 041	**Graphene: Structure (jointly with O, HL)**
TT 98.1–98.7	Thu	15:00–18:15	H 0104	**Focus Session: Visualization of Heavy Fermion Formation through Scanning Tunneling Microscopy**
TT 99.1–99.11	Thu	15:00–18:00	H 2053	**Superconductivity: (General) Theory 2**
TT 100.1–100.13	Thu	15:00–18:30	H 3005	**Correlated Electrons: Other Materials**
TT 101.1–101.13	Thu	15:00–18:30	H 3010	**Low-Dimensional Systems: Topological Order 2 (jointly with DS, HL, MA, O)**
TT 102.1–102.12	Thu	15:00–18:30	A 053	**Transport: Quantum Dots, Quantum Wires, Point Contacts 2 (jointly with HL)**
TT 103.1–103.54	Thu	15:00–18:00	Poster B	**Transport: Poster Session**
TT 104.1–104.11	Thu	15:00–17:45	EB 202	**Topological Insulators II (jointly with MA, DS, HL, O)**
TT 105.1–105.8	Thu	15:00–17:00	ER 164	**Quantum Information Systems: Si Vacancies and NV Centers (jointly with HL)**
TT 106.1–106.13	Thu	15:00–18:30	MA 004	**Frontiers of Electronic Structure Theory: Many-Body Effects, Methods (organized by O)**
TT 107.1–107.13	Thu	15:00–18:15	MA 041	**Graphene: Electronic Structure (jointly with O, HL)**
TT 108.1–108.11	Thu	15:00–18:00	H 0112	**Spin-Dependent Transport Phenomena II (organized by MA)**
TT 109.1–109.10	Fri	9:30–12:15	H 0104	**Transport: Majorana Fermions (jointly with DS, HL, MA, O)**
TT 110.1–110.10	Fri	9:30–12:15	H 2053	**Superconductivity: Fe-based Superconductors – Theory**
TT 111.1–111.10	Fri	9:30–12:15	H 3005	**Correlated Electrons: Quantum Impurities, Kondo Physics**
TT 112.1–112.9	Fri	9:30–12:00	H 3010	**Correlated Electrons: (General) Theory 3**
TT 113.1–113.7	Fri	9:30–12:00	C 130	**Organic Electronics and Photovoltaics: Devices (jointly with CPP, HL)**
TT 114.1–114.10	Fri	9:30–12:15	H 0110	**Transport: Molecular Electronics (jointly with CPP, HL, MA, O)**
TT 115.1–115.13	Fri	9:30–13:15	H 2032	**Metallic Nanowires on the Atomic Scale (jointly with DS, O)**
TT 116.1–116.9	Fri	9:30–12:00	EB 202	**Spintronics (incl. Quantum Dynamics) (jointly with MA, HL)**
TT 117.1–117.9	Fri	10:30–12:45	MA 041	**Graphene: Intercalation (jointly with O, HL)**

Annual General Meeting of the Low Temperature Physics Division

Thursday 18:45–20:00 Room H 3005