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, A 053, HFT-FT 101 and HFT-FT 131; Poster B)

Tutorial "Quantum Technologies (joint session HL/TT)"

HL 1.1	Sun	16:00–16:35	H 0105	**Quantum Technology - how is research funded?** — •Gerd Leuchs
HL 1.2	Sun	16:40–17:15	H 0105	**Superconducting Quantum Circuits** — •Rudolf Gross
HL 1.3	Sun	17:15–17:50	H 0105	**Josephson junction based interferometers and amplifiers** — •Sebastian Kempf
HL 1.4	Sun	17:50–18:25	H 0105	**Manipulation of quantum bits based on defect centres in diamond** — •Oliver Benson

Plenaries

PLV IV	Mon	14:00–14:45	H 0104	**Fast Parametric Interactions Between Superconducting Quantum Circuits** — •Raymond W Simmonds
PLV VII	Wed	8:30– 9:15	H 0105	**Nanoscale thermal imaging of dissipation in quantum systems** — •Eli Zeldov

Focus on Topology

Plenaries

PLV II	Mon	8:30– 9:15	H 0105	**Imaging Topological Electrons in Low Dimensions: from the Inorganic to the Organic** — •Michael F. Crommie
PLV XI	Thu	8:30– 9:15	H 0105	**Emergent properties and functions of topological magnets** — •Yoshinori Tokura

Symposium "Topology in Condensed Matter Physics (SYTO)"

See SYTO for the abstracts of the symposium.

SYTO 1.1	Wed	9:30–10:00	H 0105	**Beyond Topologically Ordered States: Insights from Entanglement** — •B. Andrei Bernevig
SYTO 1.2	Wed	10:00–10:30	H 0105	**Topological Magnon Materials** — •Ingrid Mertig
SYTO 1.3	Wed	10:30–11:00	H 0105	**Topological Order of Interacting Polymers on a Substrate** — •Vincenzo Vitelli
SYTO 1.4	Wed	11:15–11:45	H 0105	**Quantization of Heat Flow in Fractional Quantum Hall States** — •Moty Heiblum
SYTO 1.5	Wed	11:45–12:15	H 0105	**Currents and Phases in Quantum Rings** — •Kathryn Moler

Focus Session "Chiral Topological Superconductors and Majorana Fermions" (organized by TT)

TT 32.1	Tue	9:30–10:00	H 0104	**Spin-Triplet Superconductivity in the Ruthenate** — •Yoshiteru Maeno
TT 32.2	Tue	10:00–10:30	H 0104	**Paths Towards Chiral d-wave Superconductivity** — •Ronny Thomale
TT 32.3	Tue	10:30–11:00	H 0104	**Towards the Design of Majorana Bound States in Artificially Constructed Magnetic Atom Chains on Elemental Superconductors** — •Roland Wiesendanger
TT 32.4	Tue	11:15–11:45	H 0104	**Design of Majorana Modes: From Magnetic Skyrmions to Dimensional Tuning** — •Dirk Morr
TT 32.5	Tue	11:45–12:15	H 0104	**Experimental Hints of Topological Superconductivity in Hybrid Ferromagnet-Superconductor Systems** — •Tristan Cren

Focus Session "Topological Defects in Superconductors and Magnets" (organized by TT)

TT 60.1	Wed	15:00–15:30	H 0104	**Stability and Emergent Electrodynamics of Skyrmions** — •Christian Pfleiderer
TT 60.2	Wed	15:30–16:00	H 0104	**Optical Manipulation of Single Flux Quanta** — •Philippe Tamarat
TT 60.3	Wed	16:00–16:30	H 0104	**Skyrmion Lattices in Random and Ordered Potential Landscapes** — •Charles Reichhardt
TT 60.4	Wed	16:45–17:15	H 0104	**Hedgehog Spin-Vortex Crystal Magnetic Order in Superconducting $CaK(Fe_{1-x}M_x)_4As_4$ (M=Co, Ni)** — •Anna Böhmer
TT 60.5	Wed	17:15–17:45	H 0104	**Geometric Frustration and Ratchet Effect of Vortices in an Artificial-Spin/Superconductor Hybrid** — •Zhi-Li Xiao

Focus Session "Quantum Turbulence and Imaging of Quantum Flow of Superfluids" (organized by TT)

TT 77.1	Thu	9:30–10:00	H 0104	**Quantum Turbulence: New Aspects of an Old Problem** — •Carlo F. Barenghi
TT 77.2	Thu	10:00–10:30	H 0104	**Numerical Simulation of Quantum Turbulence** — •Makoto Tsubota
TT 77.3	Thu	10:30–11:00	H 0104	**Visualising Pure Quantum Turbulence in Fermionic Superfluid** — •Viktor Tsepelin
TT 77.4	Thu	11:15–11:45	H 0104	**Experimental Exploration of Intense Quantum Turbulence with He-II** — •Philippe-E. Roche
TT 77.5	Thu	11:45–12:15	H 0104	**Visualization of Superfluid Helium Flows** — •Marco La Mantia

Focus Sessions "Spinorbitronics - From Efficient Charge/Spin Conversion Based on Spin-Orbit Coupling to Chiral Magnetic Skyrmions I–III" (organized by MA)

See MA for the abstracts of the talks.

MA 40.1	Thu	9:30–10:00	H 1012	**Understanding Spin-Charge Conversion in Topological Insulators** — •Aurelien Manchon
MA 40.5	Thu	11:15–11:45	H 1012	**Interfacial spin-orbitronic: Rashba interfaces and topological insulators as efficient spin-charge current converters** — •Juan-Carlos Rojas-Sanchez
MA 47.1	Thu	15:00–15:30	H 1012	**Spin orbit fields at the Fe/GaAs(001) interface** — •Christian Back
MA 57.1	Fri	9:30–10:00	H 1012	**Manipulation of interface-induced Skyrmions studied with STM** — •Kirsten von Bergmann
MA 57.6	Fri	11:30–12:00	H 1012	**Magnonics in skyrmion-hosting chiral magnetic materials** — •Markus Garst

Invited Talks not included in Focus Sessions and Symposia

TT 9.1	Mon	9:30–10:00	HFT-FT 101	**Unconventional Superconductivity in Quantum-Dot Systems** — •Stephan Weiss
TT 5.8	Mon	11:30–12:00	H 3005	**Superconductivity in $YbRh_2Si_2$** — •Erwin Schuberth

TT 34.1	Tue	9:30–10:00	H 2053	**Non-Equilibrium Spin- and Charge Transport Phenomena in Superconductor-Ferromagnet Hybrid Structures** — •Torsten Pietsch
TT 49.1	Wed	9:30–10:00	H 2053	**Parametric Amplification in Josephson Circuits with Non-Centrosymmetric Nonlinearity** — •Alexander Zorin
TT 51.1	Wed	9:30–10:00	H 3010	**Electronic Squeezing of Pumped Phonons: Negative U and Transient Superconductivity** — •Dante M. Kennes
TT 50.8	Wed	11:30–12:00	H 3005	**Critical Phonon Softening Near a Structural Instability at $T = 0$** — •Oliver Stockert
TT 61.1	Wed	15:00–15:30	H 2053	**Quantum Thermodynamics on Superconducting Qubits** — •Jukka Pekola
TT 62.1	Wed	15:00–15:30	H 3010	**Efficient Simulation of Quantum Thermalization and Dynamics** — •Frank Pollmann
TT 93.1	Thu	15:00–15:30	H 2053	**Non-Markovian Quantum Thermodynamics: Second Law and Fluctuation Theorems** — •Robert S Whitney
TT 94.6	Thu	16:30–17:00	H 3010	**Discrete Time Crystals** — •Roderich Moessner
TT 103.1	Thu	17:15–17:45	H 2053	**From Fundamental Principles to Applications: Cryogenic Micro-Calorimeters** — •Christian Enss

Other Focus Sessions organized by TT

"Recent Developments in Computational Many Body Physics"

TT 2.1	Mon	9:30–10:00	H 0104	**Revealing Fermionic Quantum Criticality from New Monte Carlo Techniques** — •Zi Yang Meng
TT 2.2	Mon	10:00–10:30	H 0104	**Computational Approaches to Many-Body Localization** — •David J. Luitz
TT 2.3	Mon	10:30–11:00	H 0104	**Tensor Network Techniques and Dynamical Systems** — •Ignacio Cirac
TT 2.4	Mon	11:15–11:45	H 0104	**Digital Quantum Simulation** — •Bela Bauer
TT 2.5	Mon	11:45–12:15	H 0104	**Quantum Monte Carlo Simulation of Coupled Fermion-Boson Systems** — •Martin Hohenadler
TT 2.6	Mon	12:15–12:45	H 0104	**Machine Learning Methods for Quantum Many-Body Physics** — •Giuseppe Carleo

"Mesoscopic Superconductivity and Quantum Circuits"

TT 105.1	Fri	9:30–10:00	H 0104	**New Hardware Components for Scalable Quantum Computers** — •David DiVincenzo
TT 105.2	Fri	10:00–10:30	H 0104	**Quantum Communcation with Propagating Microwaves** — •Frank Deppe
TT 105.3	Fri	10:30–11:00	H 0104	**Dynamics of a Qubit While Simultaneously Monitoring its Relaxation and Dephasing** — •Benjamin Huard
TT 105.4	Fri	11:15–11:45	H 0104	**Estimating the Error of an Analog Quantum Simulator by Additional Measurements** — •Michael Marthaler
TT 105.5	Fri	11:45–12:15	H 0104	**On-demand distribution of quantum information between superconducting cavity quantum memories** — •Wolfgang Pfaff
TT 105.6	Fri	12:15–12:35	H 0104	**Quantum Simulation of Light-Matter Interaction** — •Jochen Braumüller

Other Symposia with TT Participation

Symposium "2D Materials (SYDM)"

See SYDM for the abstracts of the symposium.

SYDM 1.1	Thu	15:00–15:30	H 0105	**Bending, pulling, and cutting wrinkled two-dimensional materials** — •Kirill Bolotin
SYDM 1.2	Thu	15:30–16:00	H 0105	**Ultrafast valley and spin dynamics in single-layer transition metal dichalcogenides** — •Alejandro Molina-Sanchez

SYDM 1.3	Thu	16:00–16:30	H 0105	**Interlayer excitons in layered semiconductor transition metal dichalcogenides** — •Steffen Michaelis de Vasconcellos
SYDM 1.4	Thu	16:45–17:15	H 0105	**Exploring exciton physics in liquid-exfoliated 2D materials** — •Claudia Backes
SYDM 1.5	Thu	17:15–17:45	H 0105	**A Progress Report on Electron Transport in MXenes; A New Family of 2D Materials** — •Michel Barsoum

Other Joint Focus Sessions

"Quantum Nanophotonics in Solid State Systems: Status, Challenges and Perspectives I–II " (organized by HL)

See HL for the abstracts of the talks.

HL 16.1	Tue	9:30–10:00	EW 201	**Exploring the limits of position measurement with optomechanics** — •Tobias J. Kippenberg
HL 16.2	Tue	10:00–10:30	EW 201	**On-chip integration of superconducting single photon detectors** — •Wolfram Pernice
HL 16.5	Tue	11:15–11:45	EW 201	**Integrated III-V nonlinear quantum optical devices** — •Gregor Weihs
HL 16.12	Tue	14:00–14:30	EW 201	**Hybrid waveguide platforms for quantum optics** — •Michal Bajcsy
HL 25.1	Wed	9:30–10:00	EW 201	**The quantum knitting machine: a quantum dot as device for deterministic production of cluster states of many entangled photons** — •David Gershoni
HL 25.7	Wed	11:30–12:00	EW 201	**Exploiting the Bright and the Dark Side of Deterministic Solid-State Quantum-Light Sources** — •Tobias Heindel

"Frontiers of Electronic-Structure Theory: Correlated Electron Materials I-VIII"(organized by O)

See O for the abstracts of the talks.

O 31.1	Tue	10:30–11:00	HL 001	**Control and prediction of molecular crystal properties by multilevel strategies** — •Jan Gerit Brandenburg
O 31.2	Tue	11:00–11:30	HL 001	**Advances in first-principles and model spin Hamiltonian simulations of point defects in semiconductors for quantum sensors and computing** — •Viktor Ivády
O 31.3	Tue	11:30–12:00	HL 001	**Recent advances in first-principles modelling of correlated magnetic materials** — •Yaroslav Kvashnin
O 31.4	Tue	12:00–12:30	HL 001	**A first-principles approach to hot-electron-induced ultrafast dynamics at metal surfaces** — •Reinhard J. Maurer
O 31.5	Tue	12:30–13:00	HL 001	**Temperature effects in spin-orbit physics from first principles** — •Bartomeu Monserrat
O 62.1	Wed	10:30–11:00	HL 001	**Correlating electrons via adiabatic connection approach: a general formalism, approximations, and applications** — •Katarzyna Pernal
O 72.1	Wed	15:00–15:30	HL 001	**Computational Approach to the Electronic Structure of Strongly Correlated Materials: Towards Theoretical Spectroscopy and Theory Assisted Material Design** — •Gabriel Kotliar
O 102.1	Thu	15:00–15:30	HL 001	**Recent developments in FCIQMC: real-time propagation and improved convergence with walker number** — •Ali Alavi

"Exploiting Spintronics for Unconventional Computing" (organized by MA)

See MA for the abstracts of the talks.

MA 24.1	Wed	9:30–10:00	H 1012	**Control of Mesoscopic Magnetism for Computation** — •Laura Heyderman
MA 24.3	Wed	10:15–10:45	H 1012	**Spin waves for unconventional computing and data processing** — •Philipp Pirro
MA 24.4	Wed	11:00–11:30	H 1012	**p-bits, p-transistors and p-circuits** — •Kerem Camsari
MA 24.6	Wed	11:45–12:15	H 1012	**Bits and Brains: New materials and brain-inspired concepts for low energy information processing** — •Theo Rasing

"Chaos and Correlation in Quantum Matter" (organized by DY)

See DY for the abstracts of the talks.

DY 36.1	Wed	9:30–10:00	EB 107	**Computing quantum thermalization dynamics: from quantum chaos to emergent hydrodynamics** — •Ehud Altman
DY 36.6	Wed	11:15–11:45	EB 107	**Quantum Thermalization Dynamics: From Information Scrambling to Emergent Hydrodynamics** — •Michael Knap

"Emergent Phenomena in Driven Quantum Many-Body Systems" (organized by DY)

See DY for the abstracts of the talks.

DY 55.1	Thu	9:30–10:00	EB 107	**Nuclear and electronic dynamics in ultrafast photoinduced charge separation** — •Carlo Andrea Rozzi
DY 55.2	Thu	10:00–10:30	EB 107	**Theory of pump-probe spectroscopy: Ultrafast laser engineering of ordered phases and microscopic couplings** — •Michael Sentef

All sessions

TT 1.1–1.4	Sun	16:00–18:25	H 0105	**Tutorial: Quantum Technologies (joint session HL/TT/TUT)**
TT 2.1–2.6	Mon	9:30–12:45	H 0104	**Focus Session: Recent Developments in Computational Many Body Physics (joint session TT/DY)**
TT 3.1–3.13	Mon	9:30–13:00	H 0110	**Superconductivity: Properties and Electronic Structure I**
TT 4.1–4.13	Mon	9:30–13:00	H 2053	**Superconductivity: Qubits I**
TT 5.1–5.12	Mon	9:30–13:00	H 3005	**f-Electron Systems and Heavy Fermions I**
TT 6.1–6.13	Mon	9:30–13:00	H 3010	**Quantum Magnets and Molecular Magnets (joint session TT/MA)**
TT 7.1–7.13	Mon	9:30–13:00	A 053	**Topological Semimetals I**
TT 8.1–8.13	Mon	9:30–13:00	A 151	**Topological Insulators I (joint session HL/TT)**
TT 9.1–9.12	Mon	9:30–13:00	HFT-FT 101	**Quantum Dots, Quantum Wires, Point Contacts**
TT 10.1–10.14	Mon	9:30–13:15	EB 301	**Heusler Compounds, Semimetals and Oxides (joint session MA/TT)**
TT 11.1–11.10	Mon	9:30–12:45	EMH 225	**Ferroelectric Domain Walls I (joint session KFM/TT)**
TT 12.1–12.10	Mon	10:00–12:45	EB 107	**Dynamics in Many-Body Systems: Interference, Equilibration and Localization I (joint session DY/TT)**
TT 13.1–13.11	Mon	10:30–13:15	MA 043	**Graphene: Electronic Properties, Structure and Substrate Interaction I (joint session O/TT)**
TT 14.1–14.10	Mon	10:30–13:00	HL 001	**Frontiers of Electronic-Structure Theory: Correlated Electron Materials I (joint session O/MM/DS/TT/CPP)**
TT 15.1–15.14	Mon	15:00–18:45	H 0104	**Dual-Method Approaches to Quantum Many-Body Systems I**
TT 16.1–16.9	Mon	15:00–17:30	H 0110	**Superconductivity: Properties and Electronic Structure II**
TT 17.1–17.8	Mon	15:00–17:00	H 2053	**Superconductivity: Qubits II**
TT 18.1–18.9	Mon	15:00–17:30	H 3005	**f-Electron Systems and Heavy Fermions II**
TT 19.1–19.12	Mon	15:00–18:15	H 3010	**Frustrated Magnets - Spin Liquids - Theory**
TT 20.1–20.14	Mon	15:00–18:45	A 053	**Topological Semimetals II**
TT 21.1–21.9	Mon	15:00–17:30	A 151	**Topological Insulators II (joint session HL/TT)**
TT 22.1–22.10	Mon	15:00–17:45	HFT-FT 101	**Superconductivity: Topological Defects in Superconductors and Magnets (joint session TT/MA)**
TT 23.1–23.6	Mon	15:00–16:30	MA 043	**Graphene: Adsorption, Intercalation and Doping I (joint session O/TT)**
TT 24.1–24.6	Mon	16:45–18:15	MA 043	**Graphene: Adsorption, Intercalation and Doping II (joint session O/TT)**
TT 25.1–25.9	Mon	15:00–17:15	HL 001	**Frontiers of Electronic-Structure Theory: Correlated Electron Materials II (joint session O/MM/DS/TT/CPP)**

TT 26.1–26.12	Mon	15:00–18:30	EB 301	**Skyrmions I (joint session MA/KFM/TT)**
TT 27.1–27.10	Mon	15:00–18:30	EMH 225	**Ferroelectric Domain Walls II (joint session KFM/TT)**
TT 28.1–28.18	Mon	15:00–19:00	Poster B	**Poster Session: Topological Topics**
TT 29.1–29.16	Mon	15:00–19:00	Poster B	**Poster Session: Cryogenic Particle Detectors and Cryotechnique**
TT 30.1–30.7	Mon	15:00–19:00	Poster B	**Poster Session: Disordered Quantum Systems**
TT 31.1–31.9	Mon	15:30–17:45	EB 107	**Dynamics in Many-Body Systems: Interference, Equilibration and Localization II (joint session DY/TT)**
TT 32.1–32.7	Tue	9:30–12:45	H 0104	**Focus Session: Chiral Topological Superconductors and Majorana Fermions**
TT 33.1–33.8	Tue	9:30–11:30	H 0110	**Nanotubes and Nanoribbons**
TT 34.1–34.12	Tue	9:30–13:00	H 2053	**Superconductivity: Tunneling and Josephson Junctions**
TT 35.1–35.13	Tue	9:30–13:00	A 053	**Superconductivity: Fe-based Superconductors - 122 and Theory**
TT 36.1–36.10	Tue	9:30–12:15	HFT-FT 101	**Correlated Electrons: 1D Theory**
TT 37.1–37.13	Tue	9:30–13:15	EB 301	**Skyrmions II (joint session MA/TT/KFM)**
TT 38.1–38.12	Tue	9:30–12:45	EB 407	**Magnetocaloric Effects (joint session MA/TT)**
TT 39.1–39.17	Tue	9:30–15:45	EW 201	**Focus Session: Quantum Nanophotonics in Solid State Systems I (joint session HL/TT)**
TT 40.1–40.11	Tue	10:00–13:00	H 3010	**Dual-Method Approaches to Quantum Many-Body Systems II**
TT 41.1–41.10	Tue	10:15–13:00	H 3005	**Frustrated Magnets - Spin Liquids - Experiments**
TT 42.1–42.10	Tue	10:15–13:00	HFT-FT 131	**Charge Order**
TT 43.1–43.10	Tue	10:30–13:15	MA 043	**Graphene: Electronic Properties, Structure and Substrate Interaction II (joint session O/TT)**
TT 44.1–44.5	Tue	10:30–13:00	HL 001	**Focus Session: Frontiers of Electronic-Structure Theory: Correlated Electron Materials III (joint session O/MM/DS/TT/CPP)**
TT 45.1–45.5	Tue	11:45–13:00	H 0110	**Nano- and Optomechanics**
TT 46.1–46.13	Tue	18:15–20:30	Poster A	**Poster Session: Graphene (joint session O/TT)**
TT 47.1–47.12	Wed	9:30–12:45	H 0104	**Frustrated Magnets - Iridates and Fe-based Materials**
TT 48.1–48.6	Wed	9:30–12:15	H 1012	**Focus Session: Exploiting Spintronics for Unconventional Computing (joint session MA/TT)**
TT 49.1–49.12	Wed	9:30–13:00	H 2053	**Superconductivity: Superconducting Electronics I**
TT 50.1–50.12	Wed	9:30–13:00	H 3005	**Quantum-Critical Phenomena I**
TT 51.1–51.12	Wed	9:30–13:00	H 3010	**Nonequilibrium Quantum Many-Body Systems I (joint session TT/DY)**
TT 52.1–52.13	Wed	9:30–13:00	HFT-FT 101	**Superconductivity: Fe-based Superconductors - FeSe and LiFeAs**
TT 53.1–53.7	Wed	9:30–11:15	HFT-FT 131	**Quantum Impurities and Kondo Physics**
TT 54.1–54.8	Wed	9:30–12:15	EB 107	**Focus Session: Chaos and Correlation in Quantum Matter (joint session DY/TT)**
TT 55.1–55.11	Wed	9:30–12:45	EMH 225	**Multiferroic Oxide Thin Films and Heterostructures I (joint session KFM/TT/MA)**
TT 56.1–56.12	Wed	9:30–13:15	EW 201	**Focus Session: Quantum Nanophotonics in Solid State Systems II (joint session HL/TT)**
TT 57.1–57.5	Wed	10:00–11:15	A 053	**Topological Semimetals III**
TT 58.1–58.9	Wed	10:30–13:00	HL 001	**Frontiers of Electronic-Structure Theory: Correlated Electron Materials IV (joint session O/MM/DS/TT/CPP)**
TT 59.1–59.5	Wed	11:45–13:00	A 053	**Topological Insulators I (joint session TT/MA)**
TT 60.1–60.5	Wed	15:00–17:45	H 0104	**Focus Session: Topological Defects in Superconductors and Magnets (joint session TT/MA)**
TT 61.1–61.6	Wed	15:00–16:45	H 2053	**Superconductivity: Superconducting Electronics II and Cryotechnique**
TT 62.1–62.12	Wed	15:00–18:30	H 3010	**Nonequilibrium Quantum Many-Body Systems II (joint session TT/DY)**
TT 63.1–63.7	Wed	15:00–16:45	A 053	**Topology: Quantum Hall Systems**
TT 64.1–64.12	Wed	15:00–18:15	HFT-FT 101	**Frustrated Magnets - α-$RuCl_3$ and Cu-based Materials**
TT 65.1–65.13	Wed	15:00–18:30	HFT-FT 131	**Quantum-Critical Phenomena II**
TT 66.1–66.8	Wed	15:00–17:00	EB 202	**Spintronics (joint session MA/TT)**

TT 67.1–67.14	Wed	15:00–18:30	EB 301	**Skyrmions III (joint session MA/TT/KFM)**
TT 68.1–68.12	Wed	15:00–18:15	EB 407	**Topological Insulators and Weyl Semimetals (joint session MA/TT)**
TT 69.1–69.10	Wed	15:00–18:15	EMH 225	**Multiferroic Oxide Thin Films and Heterostructures II (joint session KFM/TT/MA)**
TT 70.1–70.10	Wed	15:00–17:45	HL 001	**Frontiers of Electronic-Structure Theory: Correlated Electron Materials V (joint session O/MM/DS/TT/CPP)**
TT 71.1–71.9	Wed	15:00–17:30	EW 203	**Quantum Information Systems (joint session HL/TT)**
TT 72.1–72.98	Wed	15:00–19:00	Poster B	**Poster Session: Correlated Electrons**
TT 73.1–73.10	Wed	15:30–18:15	EB 107	**Quantum Dynamics, Decoherence and Quantum Information (joint session DY/TT)**
TT 74.1–74.9	Wed	16:00–18:30	H 3005	**Molecular Electronics and Photonics**
TT 75.1–75.6	Wed	17:00–18:30	H 2053	**Superconductivity: Mesoscopic Superconductivity and Quantum Circuits**
TT 76.1–76.6	Wed	17:00–18:30	A 053	**Topology: Other Topics**
TT 77.1–77.5	Thu	9:30–12:15	H 0104	**Focus Session: Quantum Turbulence and Imaging of Quantum Flow of Superfluids**
TT 78.1–78.8	Thu	9:30–12:30	H 1012	**Focus Session: Spinorbitronics - From Efficient Charge/Spin Conversion Based on Spin-Orbit Coupling to Chiral Magnetic Skyrmions I (joint session MA/TT)**
TT 79.1–79.12	Thu	9:30–12:45	H 2053	**Superconductivity: Superconducting Electronics - Circuit QED**
TT 80.1–80.13	Thu	9:30–13:00	H 3005	**Graphene**
TT 81.1–81.7	Thu	9:30–11:15	H 3010	**Nonequilibrium Quantum Many-Body Systems III**
TT 82.1–82.13	Thu	9:30–13:00	A 053	**Topological Insulators II (joint session TT/MA)**
TT 83.1–83.12	Thu	9:30–12:45	HFT-FT 101	**Superconductivity: (General) Theory**
TT 84.1–84.7	Thu	9:30–11:15	HFT-FT 131	**Fluctuations and Noise**
TT 85.1–85.6	Thu	9:30–11:30	EB 107	**Focus Session: Emergent Phenomena in Driven Quantum Many-Body Systems (joint session DY/TT)**
TT 86.1–86.11	Thu	9:30–13:30	EMH 225	**Ferroics and Multiferroics (joint session KFM/TT/MA)**
TT 87.1–87.9	Thu	10:30–12:45	HL 001	**Frontiers of Electronic-Structure Theory: Correlated Electron Materials VI (joint session O/MM/DS/TT/CPP)**
TT 88.1–88.6	Thu	11:30–13:00	H 3010	**Quantum-Critical Phenomena III**
TT 89.1–89.5	Thu	11:30–12:45	HFT-FT 131	**Disordered Quantum Systems**
TT 90.1–90.3	Thu	12:00–12:45	EB 107	**Coherent Quantum Dynamics (joint session DY/TT)**
TT 91.1–91.12	Thu	15:00–18:15	H 0104	**Correlated Electrons: Method Development**
TT 92.1–92.10	Thu	15:00–18:00	H 1012	**Focus Session: Spinorbitronics - From Efficient Charge/Spin Conversion Based on Spin-Orbit Coupling to Chiral Magnetic Skyrmions II (joint session MA/TT)**
TT 93.1–93.7	Thu	15:00–17:00	H 2053	**Quantum Coherence and Quantum Information Systems (joint session TT/MA)**
TT 94.1–94.12	Thu	15:00–18:30	H 3010	**Correlated Electrons: Other Theoretical Topics**
TT 95.1–95.10	Thu	15:00–17:45	HFT-FT 131	**Cold Atomic Gases, Superfluids, Quantum Fluids and Solids**
TT 96.1–96.10	Thu	15:00–17:45	HL 001	**Frontiers of Electronic-Structure Theory: Correlated Electron Materials VII (joint session O/TT/MM/DS/CPP)**
TT 97.1–97.9	Thu	15:00–17:30	EW 201	**Spintronics (joint session HL/TT)**
TT 98.1–98.23	Thu	15:00–19:00	Poster B	**Poster Session: Superconductivity**
TT 99.1–99.53	Thu	15:00–19:00	Poster B	**Poster Session: Transport**
TT 100.1–100.9	Thu	15:30–18:00	H 3005	**Frustrated Magnets - Pyrochlore Oxides**
TT 101.1–101.10	Thu	15:30–18:15	HFT-FT 101	**Correlated Electrons: Other Materials**
TT 102.1–102.9	Thu	16:00–18:30	A 053	**Topology: Majorana Fermions**
TT 103.1–103.4	Thu	17:15–18:30	H 2053	**Superconductivity: Cryogenic Particle Detectors**
TT 104	Thu	18:45–20:00	H 3005	**Annual General Meeting of the Low Temperature Physics Division**
TT 105.1–105.8	Fri	9:30–13:05	H 0104	**Focus Session: Mesoscopic Superconductivity and Quantum Circuits**

TT 106.1–106.13	Fri	9:30–13:00	H 0110	**Complex Oxides: Bulk Properties, Surfaces and Interfaces (joint session TT/MA/KFM)**
TT 107.1–107.9	Fri	9:30–12:45	H 1012	**Focus Session: Spinorbitronics - From Efficient Charge/Spin Conversion Based on Spin-Orbit Coupling to Chiral Magnetic Skyrmions III (joint session MA/TT)**
TT 108.1–108.9	Fri	9:30–12:00	H 2053	**Topological Superconductors**
TT 109.1–109.10	Fri	9:30–12:15	H 3005	**Frustrated Magnets - (General) Theory**
TT 110.1–110.8	Fri	9:30–11:45	H 3010	**Superconductivity: Fe-based Superconductors - 1111 and Others**
TT 111.1–111.9	Fri	10:30–12:45	HL 001	**Frontiers of Electronic-Structure Theory: Correlated Electron Materials VIII (joint session O/TT/MM/DS/CPP)**

Annual General Meeting of the Low Temperature Physics Division

Thursday 18:45–20:00 Room H 3005
All TT members are invited to attend!