

DYNAMICS AND STATISTICAL PHYSICS

DYNAMIK UND STATISTISCHE PHYSIK (DY)

Prof. Dr. Franz Schwabl (DPG)
 Technische Universität München
 Physik-Department T34
 James-Frank-Straße
 85748 Garching
 schwabl@ph.tum.de

PD Dr. Annette Bussmann-Holder (EPS)
 Max-Planck-Inst. for Solid State Research
 Heisenbergstr. 1
 70569 Stuttgart
 a.bussmann-holder@fkf.mpg.de

OVERVIEW OF INVITED TALKS AND SESSIONS

(lecture rooms HÜL 186 and SCH 251)

Plenary Talk

The plenary talk for division DY by Prof. Chan takes place Monday, 8:30, HSZ 01. The title of the talk is “Superfluidity in solid helium and solid hydrogen”. See the plenary section for the abstract.

Prize Talk

The prize talk (Max-Planck-Medaille) by Prof. Götze takes place Tuesday, 13:15, HSZ 04. The title of the talk is “Glassy Relaxation: a Paradigm for Condensed-Matter Dynamics”. See the plenary section for the abstract.

Invited Talks

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| DY 10.1 | Mon | 09:30 | (HÜL 186) | Networks in Physics , Maya Paczuski |
| DY 12.7 | Mon | 12:30 | (HÜL 186) | The scaling laws of human travel , Dirk Brockmann , Lars Hufnagel, Theo Geisel |
| DY 14.1 | Mon | 14:30 | (HÜL 186) | Exploring out-of-equilibrium systems , Luca Peliti |
| DY 20.1 | Tue | 09:30 | (HÜL 186) | Quantum Computer - dream and realization , Rainer Blatt |
| DY 28.1 | Tue | 09:30 | (MÜL Elch) | Towards a Statistical Mechanics for Network Glasses , Reimer Kühn , Jort M. van Mourik, Martin Weigt, Annette Zippelius |
| DY 40.1 | Thu | 09:30 | (HÜL 186) | Random polymers and depinning transitions , Cecile Monthus , Thomas Garel |
| DY 42.7 | Thu | 12:30 | (HÜL 186) | Universal scaling behavior of non-equilibrium phase transitions , Sven Lübeck |
| DY 44.1 | Thu | 14:30 | (HÜL 186) | Spin liquids: from frustrated magnets to quantum dimer models , Frederic Mila |

Invited talks of the symposium Superfluidity

See section SYSF for the full program of the symposium.

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| SYSF 1.1 | Mon | 09:45 | (HSZ 04) | Rotons and superfluidity , Sebast ien Balibar |
| SYSF 1.2 | Mon | 10:15 | (HSZ 04) | Disorder determined phase of the p-wave sup erfluid ^3He , Igor Fomin |
| SYSF 1.3 | Mon | 10:45 | (HSZ 04) | From superfluids to vacuum of relativistic quantum fields , Grigory Volovik |
| SYSF 2.1 | Mon | 11:30 | (HSZ 04) | High-Temperature Superfluidity in an Ultrac old Fermi Gas , Martin Zwierlein , Jamil Abo-Shaeer, André Schirot zek, Christian Schunck, Wolfgang Ketterle |
| SYSF 2.2 | Mon | 12:00 | (HSZ 04) | Superfluid regimes in strongly interacting Fermi gases , Gora Shlyapnikov |
| SYSF 2.3 | Mon | 12:30 | (HSZ 04) | Bose–Einstein Condensation in a Disorder P otential , Robert Graham |

Invited talks of the symposium Structure Formation and Self-Organization in non-equilibrium Systems

See section SYSS for the full program of the symposium.

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| SYSS 4.1 | Fri | 10:15 | (HSZ 04) | Experiments on structure formation in complex continua , Ingo Rehberg , Christof Krülle, Reinhard Richter, Wolfgang Schöpf |
| SYSS 4.2 | Fri | 10:45 | (HSZ 04) | Coarsening versus noncoarsening in nonequilibrium pattern forming systems , C. Misbah |
| SYSS 4.3 | Fri | 11:15 | (HSZ 04) | About non-Boussinesq convection , H. Riecke |
| SYSS 4.4 | Fri | 11:45 | (HSZ 04) | Self-organization and collective decision making in animal societies , Jean-Louis Deneubourg |
| SYSS 4.5 | Fri | 12:15 | (HSZ 04) | Time-delayed feedback control of noise-induced patterns , Eckehard Schöll , Alexander Balanov, Johanne Hizanidis, Grischa Stegemann |

Sessions

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|-------|---|-----|-------------|----------|----------------|
| DY 10 | Statistical Physics of Complex Networks I | Mon | 09:30–11:00 | HÜL 186 | DY 10.1–10.5 |
| DY 12 | Statistical Physics of Complex Networks II | Mon | 11:00–13:00 | HÜL 186 | DY 12.1–12.7 |
| DY 14 | Statistical Physics far from Thermal Equilibrium | Mon | 14:30–16:15 | HÜL 186 | DY 14.1–14.6 |
| DY 15 | Quantum Chaos | Mon | 15:00–17:00 | SCH 251 | DY 15.1–15.8 |
| DY 16 | Growth Processes and Surface Properties | Mon | 16:15–18:15 | HÜL 186 | DY 16.1–16.8 |
| DY 17 | Superfluidity and Bose-Einstein-Condensation | Mon | 17:15–18:00 | SCH 251 | DY 17.1–17.3 |
| DY 20 | Quantum Dynamics I | Tue | 09:30–11:00 | HÜL 186 | DY 20.1–20.5 |
| DY 21 | Statistical Physics (general) I | Tue | 10:00–11:45 | SCH 251 | DY 21.1–21.7 |
| DY 22 | Quantum Dynamics II | Tue | 11:00–13:00 | HÜL 186 | DY 22.1–22.8 |
| DY 23 | Statistical Physics (general) II | Tue | 11:45–13:15 | SCH 251 | DY 23.1–23.6 |
| DY 24 | Brownian Motion and Kinetic Theory I | Tue | 14:30–16:15 | HÜL 186 | DY 24.1–24.7 |
| DY 25 | Granular Matter and Contact Dynamics I | Tue | 14:30–16:30 | SCH 251 | DY 25.1–25.8 |
| DY 26 | Brownian Motion and Kinetic Theory II | Tue | 16:15–18:15 | HÜL 186 | DY 26.1–26.8 |
| DY 27 | Granular Matter and Contact Dynamics II | Tue | 16:30–18:00 | SCH 251 | DY 27.1–27.6 |
| DY 28 | Glass I (joint session with DF) | Tue | 09:30–12:10 | MÜL Elch | DY 28.1–28.7 |
| DY 29 | Glass II (joint session with DF) | Tue | 14:30–16:10 | MÜL Elch | DY 29.1–29.5 |
| DY 34 | Nonlinear Dynamics, Synchronization and Chaos I | Wed | 14:30–16:15 | HÜL 186 | DY 34.1–34.7 |
| DY 35 | Ferro Fluids / Liquid Crystals | Wed | 14:30–16:30 | SCH 251 | DY 35.1–35.8 |
| DY 36 | Nonlinear Dynamics, Synchronization and Chaos II | Wed | 16:15–18:00 | HÜL 186 | DY 36.1–36.7 |
| DY 38 | Fluid Dynamics | Wed | 16:45–18:00 | SCH 251 | DY 38.1–38.5 |
| DY 40 | Critical Phenomena and Phase Transitions I | Thu | 09:30–11:00 | HÜL 186 | DY 40.1–40.5 |
| DY 41 | Dynamical Physics in Biological Systems | Thu | 10:00–11:30 | SCH 251 | DY 41.1–41.6 |
| DY 42 | Critical Phenomena and Phase Transitions II | Thu | 11:00–13:00 | HÜL 186 | DY 42.1–42.7 |
| DY 43 | Signals and neuronal Networks | Thu | 11:30–12:45 | SCH 251 | DY 43.1–43.5 |
| DY 44 | Critical Phenomena and Phase Transitions III | Thu | 14:30–16:00 | HÜL 186 | DY 44.1–44.5 |
| DY 45 | Soft Matter | Thu | 14:30–16:00 | SCH 251 | DY 45.1–45.6 |
| DY 46 | Poster | Thu | 16:00–18:00 | P1 | DY 46.1–46.133 |
| DY 50 | Lattice Dynamics and Non-Linear Excitations | Fri | 10:15–11:30 | HÜL 186 | DY 50.1–50.5 |
| DY 51 | Non-Linear Stochastic Systems | Fri | 11:30–13:30 | HÜL 186 | DY 51.1–51.8 |

Annual General Meeting of the Section Dynamics and Statistical Physics

Thu 18:30–19:30 HÜL 186

- Bericht
- Wahl eines neuen Sprechers
- Verschiedenes