

Working Group "Young DPG" Arbeitskreis junge DPG (AKjDPG)

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Welcome to this year's programme of the Working Group "Young DPG"!

This year, three PhD Focus Sessions, organised by PhD students, present recent research areas to a broad audience. In addition, several participants present useful tools for the every day life of a physicists during our Hacky Hour.

You might wonder how to continue after your PhD?

A tutorial on Sunday as well as a lunch discussion on Thursday are presenting ways how to achieve success in academia. On the other hand, if you want to make your luck in industry, we offer in collaboration with the Working Group on Industrie and Business (AIW) lunch talks from Monday to Thursday presenting a different area every day where physicists are typically working. If you prefer to stay in the academic world, there is also a lunch session everyday in parallel covering various topics: DFG opportunities, Scientific Outreach, how to PostDoc and in collaboration with the Working Group on Physics, Modern IT and Artificial Intelligence (AKPIK) a lunch break with a follow up afternoon session will discuss the Nationale Forschungsdaten Infrastruktur (NFDI).

Beyond the scientific programme there will be our traditional Einstein Slam (in German) on Monday evening. If you want to get off the campus on Tuesday evening, then you are welcome to join our pub crawl to explore the Dresden night life.

We are looking forward to seeing you at our events!

Overview of Invited Talks and Sessions

(Lecture halls HSZ 02, HS 03, and HSZ 105)

Tutorial and Invited Talks

AKjDPG 1.1	Sun	16:00–16:45	HSZ 02	Careers in science: “To boldly go where no one has gone before” — ●MANFRED FIEBIG
AKjDPG 6.1	Fri	9:30–10:00	HSZ 105	Physicist in IT: Physics in Advent — ●ANDRÉ WOBST

Lunch Talks

PSV I	Mon	13:15–14:00	HSZ 03	Wir sollten mal drüber reden (Physik und Wissenschaftskommunikation) — ●AXEL LORKE, NICOLAS WÖHRL
PSV II	Mon	13:15–13:45	HSZ 04	Vom Physiker zum (erfolgreichen) Unternehmer der Plasway-Technologies GmbH — ●STEPHAN WEGE
PSV III	Tue	13:15–14:00	HSZ 03	Impact of the upcoming “Nationale Forschungsdaten Infrastruktur NFDI” on the SKM Community — ●ERICH RUNGE, COSIMA SCHUSTER, GERT-LUDWIG INGOLD, UWE KAHLERT, MATTHIAS SCHEFFLER, BENJAMIN WOLBA

PSV IV	Tue	13:15–13:45	HSZ 04	Von der Physik zur Mode — ●STEVE KUPKE
PSV V	Wed	13:15–14:00	HSZ 03	The German Research Foundation - Funding your Research — ●ELLEN REISTER, MICHAEL MÖSSLE
PSV VI	Wed	13:15–13:45	HSZ 04	Thinking big in a small company, als Naturwissenschaftler in einem mittelständischen Familienunternehmen. — ●JAKOB BIERWAGEN
PSV VII	Thu	13:15–14:00	HSZ 03	How to "postdoc": Pathways after the PhD — ●MARTIN WOLF
PSV VIII	Thu	13:15–13:45	HSZ 04	Working as a Physicist in Microelectronics — ●MATTHIAS U. LEHR

Invited talks of the joint symposium SYCE

See SYCE for the full program of the symposium.

SYCE 1.1	Wed	9:30–10:00	HSZ 02	Towards a carbon-free energy system: Expectations from R&D in renewable energy technologies — ●BERND RECH, RUTGER SCHLATMANN
SYCE 1.2	Wed	10:00–10:30	HSZ 02	Decarbonizing the Heating Sector - Challenges and Solutions — ●FLORIAN WEISER
SYCE 1.3	Wed	10:30–11:00	HSZ 02	The challenge of anthropogenic climate change - Earth system analysis can guide climate mitigation policy — ●MATTHIAS HOFMANN
SYCE 1.4	Wed	11:15–11:45	HSZ 02	A carbon-free Energy System in 2050: Modelling the Energy Transition — ●CHRISTOPH KOST, PHILIP STERCHELE, HANS-MARTIN HENNING
SYCE 1.5	Wed	11:45–12:15	HSZ 02	The transition of the electricity system to 100% renewable energy: agent-based modeling of investment decisions under climate policies — ●KRISTIAN LINDGREN

Sessions

AKjDPG 1.1–1.1	Sun	16:00–17:15	HSZ 02	Tutorial: Careers in Science (joint session AKjDPG/TUT)
AKjDPG 2.1–2.9	Tue	9:30–13:00	HSZ 04	PhD Focus Session: Symposium on "Strange Bedfellows – Magnetism Meets Superconductivity" (joint session MA/AKjDPG)
AKjDPG 3	Tue	14:00–15:45	HSZ 03	Envisioning Future Research Data Management (NFDI) from different Perspectives
AKjDPG 4.1–4.4	Wed	15:00–17:15	HSZ 04	PhD Focus Session: Symposium on "Magnetism – A Potential Platform for Big Data?" (joint session MA/AKjDPG/O)
AKjDPG 5.1–5.4	Thu	17:15–18:30	ZEU 222	PhD Focus Session: In-situ probes toward better understanding of hybrid halide perovskites I (joint session CPP/AKjDPG)
AKjDPG 6.1–6.9	Fri	9:30–12:30	HSZ 105	Hacky Hour
AKjDPG 7.1–7.8	Fri	9:30–12:15	ZEU 222	PhD Focus Session: In-situ probes toward better understanding of hybrid halide perovskites II (joint session CPP/AKjDPG)

EinsteinSlam

Mon 20:00–21:30 HSZ 01

Pub Crawl

Tue 18:15 (after the ceremonial session) meeting point in front of HSZ