

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

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Overview of Invited Talks and Sessions

(Lecture halls HS 3+4, HS 5+6, and WP-HS)

jDPG events within the Plenary Special Talks programme

PSV I	Mon	13:00–14:30	HS 1+2	Live-Podcast: Meet Your Future – Produktmanagement in der Medizintechnik — ●OLIVIA NOACK
PSV III	Tue	13:00–14:30	HS XVI	Panel Discussion: Finding your Path after Graduation – Different Perspectives — ●JDPG
PSV VII	Thu	13:00–14:30	HS XVI	Berufsperspektiven für Physiker:innen in der Schule — ●VICTOR SCHNEIDER

Invited Talks

AKjDPG 5.1	Sun	18:00–20:00	WP-HS	Exploring Science Through Board Games — ●STEFANIE KROKER, MIKA GAEDTKE, LIAM SHELLING NETO, JENS JUNGE
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Invited Talks of the joint Symposium Quantum Science and more in Ghana and Germany (SYGG)

See SYGG for the full program of the symposium.

SYGG 1.1	Tue	11:00–11:05	WP-HS	Welcome Adress — ●BIRGIT MÜNCH
SYGG 1.2	Tue	11:05–11:20	WP-HS	Quantum Education in Ghana — ●DORCAS ATTUABEA ADDO
SYGG 1.3	Tue	11:20–11:45	WP-HS	Mathematical and Computational Physics Research In Ghana: To Cultivate a Knowledge-Based and Sustainable Development Economy — ●HENRY MARTIN, HENRY ELORM QUARSHIE, MARK PAAL, FRANCIS KOFI AMPONG, ERIC KWABENA KYEH ABAVARE, MATTEO COLANGELI, ALESSANDRA CONTINENZA, JAIME MARIAN
SYGG 1.4	Tue	11:45–12:10	WP-HS	Forecasting the Economic Health of Ghana Using Quantum-Enhanced Long Short-Term Memory Model — ●PETER NIMBE, HENRY MARTIN, DORCAS ATTUABEA ADDO, NICODEMUS SONGOSE AWARAYI
SYGG 1.5	Tue	12:10–12:40	WP-HS	Quantum Technology with Spins — ●JOERG WRACHTRUP
SYGG 1.6	Tue	12:40–13:00	WP-HS	Renewable Energy Technologies for Rural Ghana: The Role of Appropriate Technology for Tailored solutions — ●MICHAEL KWEKU EDEM DONKOR

Prize and Invited Talks of the joint Awards Symposium (SYAS)

See SYAS for the full program of the symposium.

SYAS 1.1	Thu	14:30–15:10	HS 1+2	A journey in mathematical quantum physics — ●REINHARD F. WERNER
SYAS 1.2	Thu	15:10–15:50	HS 1+2	Precision Tests of the Standard Model at Low Energies Using Stored Exotic Ions in Penning Traps — ●KLAUS BLAUM
SYAS 1.3	Thu	15:50–16:30	HS 1+2	Controlling light by atoms and atoms by light: from dark-state polaritons to many-body spin physics — ●MICHAEL FLEISCHHAUER
SYAS 1.4	Thu	16:30–16:35	HS 1+2	Quantum history at your fingertips: Launch of the DPG's Quantum History Wall — ●ARNE SCHIRRMACHER

Sessions

AKjDPG 1.1–1.2	Sun	14:00–15:40	HS 3+4	Open Quantum Systems
AKjDPG 2.1–2.2	Sun	16:00–17:40	HS 3+4	Quantum Control
AKjDPG 3.1–3.2	Sun	14:00–15:40	HS 5+6	Time-resolved Spectroscopy
AKjDPG 4.1–4.1	Sun	16:00–17:30	HS 5+6	The Theory of Accurate and Accessible Figure Design
AKjDPG 5.1–5.1	Sun	18:00–22:00	WP-HS	Exploring Science Through Board Games
AKjDPG 6.1–6.2	Wed	11:00–12:30	HS ROT	Hacky Hour (joint session AGI/AKjDPG)