

Fachverband Physik der Hadronen und Kerne (HK)

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Übersicht der Hauptvorträge und Fachsitzungen

(Hörsäle Audimax, Audimax H1; HZO 50, 60, 70, 80, 90 und 100; Poster Audimax Foyer)

Plenarvorträge

PV I	Mo	11:15–12:00	Audimax	Neutron-rich nuclei: recent in-beam gamma spectroscopy results from the RIBF — ●ALEXANDRE OBERTELLI
PV II	Mo	12:00–12:45	Audimax	Demystifying the Quark-Gluon Plasma — ●ANTE BILANDZIC
PV III	Di	9:00– 9:45	Audimax	Accelerator Challenges of FAIR Phase 0 — ●MEI BAI
PV IV	Di	9:45–10:30	Audimax	Beta-detected NMR: radionuclides as probes in biophysics and biochemistry — ●MAGDALENA KOWALSKA
PV V	Mi	20:00–21:00	HZO 40	Fusionsreaktionen – Die Energiequelle der Sonne und der Sterne auf der Erde nutzen — ●SIBYLLE GÜNTER
PV VI	Do	9:00– 9:45	Audimax	Neutron star mergers and the begin of multi-messenger astrophysics — ●STEPHAN ROSSWOG
PV VII	Do	9:45–10:30	Audimax	An Improved Value of the Atomic Mass of the Proton — ●FLORIAN KÖHLER-LANGES
PV VIII	Fr	9:00– 9:45	Audimax	Flow and fluctuations in high energy nuclear collisions — ●STEFAN FLOERCHINGER
PV IX	Fr	9:45–10:30	Audimax	COMPASS: Unravelling light-flavour QCD — ●JAN FRIEDRICH

Hauptvorträge

HK 15.1	Di	11:00–11:30	Audimax	Lattice QCD calculations and the muon anomalous magnetic moment — ●ANTOINE GERARDIN
HK 15.2	Di	11:30–12:00	Audimax	Wie identifiziert man QCD-Exoten? — ●MALTE ALBRECHT
HK 15.3	Di	12:00–12:30	Audimax	Beta and double-beta decays within an effective theory — ●EDUARDO COELLO PÉREZ
HK 44.1	Do	11:00–11:30	Audimax	Probing the quark-gluon plasma in ultrarelativistic heavy-ion collisions — ●ALICE OHLSON
HK 44.2	Do	11:30–12:00	Audimax	Transverse momentum dependent (TMD) factorization: status and progress — ●ALEXEY VLADIMIROV
HK 44.3	Do	12:00–12:30	Audimax	Measuring the free neutron lifetime with ultracold neutrons at TRI-GA Mainz — ●DIETER RIES
HK 54.1	Fr	11:00–11:30	Audimax	The Origin of the Elements: Studying Stellar Reactions in the Laboratory — ●CLAUDIA LEDERER-WOODS
HK 54.2	Fr	11:30–12:00	Audimax	Accelerator mass spectrometry for a wide range of applications: from climate studies to geology and nuclear astrophysics — ●MARKUS SCHIFFER
HK 54.3	Fr	12:00–12:30	Audimax	New Phenomena in Gamma-Ray Strength Functions — ●RONALD SCHWENGER

Hauptvorträge des fachübergreifenden Symposiums SYCC

Das vollständige Programm dieses Symposiums ist unter SYCC aufgeführt.

SYCC 1.1	Mi	9:00– 9:05	Audimax	Introductory remarks — ●EVGENY EPELBAUM, STEPHAN PAUL
SYCC 1.2	Mi	9:05– 9:50	Audimax	Understanding the structure of the proton through large-scale simulations — ●CONSTANTIA ALEXANDROU
SYCC 1.3	Mi	9:50–10:35	Audimax	The quest for light exotic hadrons — ●BERNHARD KETZER
SYCC 2.1	Mi	11:00–11:45	Audimax	Exotic hadrons with heavy quarks — ●TOMASZ SKWARNICKI
SYCC 2.2	Mi	11:45–12:30	Audimax	Towards a new paradigm in hadron spectroscopy — ●ULF-G. MEISSNER

Fachsitzungen

HK 1.1–1.7	Mo	14:00–16:00	HZO 50	Hadron Structure and Spectroscopy I
HK 2.1–2.7	Mo	14:00–16:00	HZO 60	Heavy Ion Collisions and QCD Phases I
HK 3.1–3.7	Mo	14:00–16:00	HZO 70	Structure and Dynamics of Nuclei I
HK 4.1–4.7	Mo	14:00–16:00	HZO 100	Nuclear Astrophysics I
HK 5.1–5.5	Mo	14:00–15:30	Audimax H1	Instrumentation I
HK 6.1–6.4	Mo	14:00–15:15	HZO 80	Instrumentation II
HK 7.1–7.5	Mo	14:00–15:30	HZO 90	Instrumentation III
HK 8.1–8.7	Mo	16:30–18:30	HZO 50	Hadron Structure and Spectroscopy II
HK 9.1–9.7	Mo	16:30–18:30	HZO 60	Heavy Ion Collisions and QCD Phases II
HK 10.1–10.6	Mo	16:30–18:15	HZO 70	Structure and Dynamics of Nuclei II
HK 11.1–11.6	Mo	16:30–18:15	HZO 100	Fundamental Symmetries I
HK 12.1–12.7	Mo	16:30–18:30	Audimax H1	Instrumentation IV
HK 13.1–13.7	Mo	16:30–18:30	HZO 80	Instrumentation V
HK 14.1–14.4	Mo	16:30–18:00	HZO 90	Instrumentation VI
HK 15.1–15.3	Di	11:00–12:30	Audimax	Hauptvorträge I
HK 16.1–16.7	Di	14:00–16:00	HZO 50	Hadron Structure and Spectroscopy III
HK 17.1–17.6	Di	14:00–15:45	HZO 60	Heavy Ion Collisions and QCD Phases III
HK 18.1–18.7	Di	14:00–16:00	HZO 70	Structure and Dynamics of Nuclei III
HK 19.1–19.5	Di	14:00–15:30	HZO 100	Nuclear Astrophysics II
HK 20.1–20.7	Di	14:00–16:00	HZO 80	Instrumentation VII
HK 21.1–21.5	Di	14:00–15:30	HZO 90	Instrumentation VIII
HK 22.1–22.7	Di	16:30–18:30	HZO 50	Hadron Structure and Spectroscopy IV
HK 23.1–23.7	Di	16:30–18:30	HZO 60	Heavy Ion Collisions and QCD Phases IV
HK 24.1–24.7	Di	16:30–18:30	HZO 70	Structure and Dynamics of Nuclei IV
HK 25.1–25.4	Di	16:30–17:45	HZO 80	Structure and Dynamics of Nuclei V
HK 26.1–26.5	Di	16:30–18:30	HZO 100	Astroparticle Physics I
HK 27.1–27.6	Di	16:30–18:30	Audimax H1	Instrumentation IX
HK 28.1–28.7	Di	16:30–18:15	HZO 90	Instrumentation X
HK 29	Di	19:00–20:00	HZO 50	Jahrestreffen junger Wissenschaftler (yHEP, young High Energy Physicist association)
HK 30.1–30.7	Mi	14:00–16:00	HZO 50	Hadron Structure and Spectroscopy V
HK 31.1–31.6	Mi	14:00–15:45	HZO 60	Heavy Ion Collisions and QCD Phases V
HK 32.1–32.8	Mi	14:00–16:00	HZO 70	Structure and Dynamics of Nuclei VI
HK 33.1–33.6	Mi	14:00–15:45	HZO 80	Structure and Dynamics of Nuclei VII
HK 34.1–34.6	Mi	14:00–15:45	HZO 100	Nuclear Astrophysics III
HK 35.1–35.8	Mi	14:00–16:00	Audimax H1	Instrumentation XI
HK 36.1–36.8	Mi	14:00–16:00	HZO 90	Instrumentation XII
HK 37.1–37.7	Mi	16:30–18:30	HZO 50	Hadron Structure and Spectroscopy VI
HK 38.1–38.5	Mi	16:30–18:00	HZO 80	Hadron Structure and Spectroscopy VII
HK 39.1–39.6	Mi	16:30–18:15	HZO 60	Heavy Ion Collisions and QCD Phases VI
HK 40.1–40.6	Mi	16:30–18:15	HZO 70	Structure and Dynamics of Nuclei VIII
HK 41.1–41.3	Mi	16:30–17:45	HZO 100	Fundamental Symmetries II
HK 42.1–42.6	Mi	16:30–18:00	Audimax H1	Instrumentation XIII
HK 43.1–43.3	Mi	16:30–17:15	HZO 90	Instrumentation XIV
HK 44.1–44.3	Do	11:00–12:30	Audimax	Hauptvorträge II
HK 45.1–45.7	Do	14:00–16:00	HZO 50	Hadron Structure and Spectroscopy VIII
HK 46.1–46.7	Do	14:00–16:00	HZO 60	Heavy Ion Collisions and QCD Phases VII

HK 47.1–47.6	Do	14:00–16:00	HZO 80	Heavy Ion Collisions and QCD Phases VIII
HK 48.1–48.8	Do	14:00–16:00	HZO 70	Structure and Dynamics of Nuclei IX
HK 49.1–49.4	Do	14:00–15:30	HZO 100	Astroparticle Physics II and Applications
HK 50.1–50.6	Do	14:00–15:45	Audimax H1	Instrumentation XV
HK 51.1–51.4	Do	14:00–15:15	HZO 90	Instrumentation XVI
HK 52.1–52.65	Do	16:30–18:45	Audimax Foyer	Poster
HK 53	Do	19:00–20:00	HZO 50	Mitgliederversammlung
HK 54.1–54.3	Fr	11:00–12:30	Audimax	Hauptvorträge III
HK 55.1–55.6	Fr	14:00–15:45	HZO 50	Hadron Structure and Spectroscopy IX
HK 56.1–56.5	Fr	14:00–15:30	HZO 60	Heavy Ion Collisions and QCD Phases IX
HK 57.1–57.5	Fr	14:00–15:30	HZO 80	Heavy Ion Collisions and QCD Phases X
HK 58.1–58.5	Fr	14:00–15:30	HZO 70	Structure and Dynamics of Nuclei X
HK 59.1–59.6	Fr	14:00–15:30	HZO 100	Nuclear Astrophysics IV
HK 60.1–60.6	Fr	14:00–15:45	Audimax H1	Instrumentation XVII and Accelerators
HK 61.1–61.6	Fr	14:00–15:45	HZO 90	Instrumentation XVIII

Hinweis auf Mittagsvortrag „Physiker in der Industrie“ der jDPG

Dienstag 13:00–14:00 Audimax H1

Jahrestreffen junger Wissenschaftler (yHEP, young High Energy Physicist association)

Dienstag 19:00–20:00 HZO 50

Mitgliederversammlung Fachverband Physik der Hadronen und Kerne

Donnerstag 19:00–20:00 HZO 50