

Hadronic and Nuclear Physics Division Fachverband Physik der Hadronen und Kerne (HK)

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Division Support: Carolina Reetz

Overview of Invited Talks and Sessions

(Lecture halls H1, H2, H3, H4, H5, H6, and H8)

Plenary Talks of the Hadronic and Nuclear Physics Division

PV IV	Tue	9:45–10:30	Audimax	Superheavy Element Research at GSI — ●MICHAEL BLOCK
PV IX	Fri	9:00– 9:45	Audimax	Renaissance of nuclear physics at the LHC — ●LAURA FABBIIETTI

Invited Talks

HK 1.1	Mon	11:00–11:30	H1	Recent results of collinear laser spectroscopy in the vicinity of the magic tin isotopes — ●LISS VÁZQUEZ RODRÍGUEZ
HK 1.2	Mon	11:30–12:00	H1	Highlights from the COMPASS Experiment and the AMBER Proposal — ●BORIS GRUBE
HK 1.3	Mon	12:00–12:30	H1	Characterizing baryon dominated matter with HADES measurements — ●SZYMON HARABASZ
HK 7.1	Tue	11:00–11:30	H1	First observation of neutrinos from the CNO fusion cycle in the Sun — ●DANIELE GUFFANTI
HK 7.2	Tue	11:30–12:00	H1	The Compressed Baryonic Matter experiment at FAIR — ●ALBERICA TOIA
HK 7.3	Tue	12:00–12:30	H1	Ab initio perspectives on strongly correlated nuclei — ●ALEXANDER TICHAI
HK 16.1	Wed	14:00–14:30	H1	Short-Range Correlations in neutron-rich nuclei — ●MEY TAL DUER
HK 16.2	Wed	14:30–15:00	H1	The BGOOD experiment at ELSA - exotic structures in the light quark sector? — ●THOMAS JUDE
HK 16.3	Wed	15:00–15:30	H1	The Muon g-2 Experiment at Fermilab — ●MARTIN FERTL
HK 16.4	Wed	15:30–16:00	H1	The muon (g-2) from lattice QCD and experiments: 4.2 sigma, indeed? — ●ZOLTAN FODOR
HK 21.1	Thu	11:00–11:30	H1	Charming bound states of the strong interaction — ●FRANK NERLING
HK 21.2	Thu	11:30–12:00	H1	Baryon Spectroscopy with the CBELSA/TAPS experiment at ELSA — ●ANNIKA THIEL
HK 21.3	Thu	12:00–12:30	H1	Mass measurements of the most exotic nuclei and their relevance for nuclear structure — ●TIMO DICKEL, FRS ION CATCHER COLLABORATION, TITAN COLLABORATION
HK 26.1	Fri	11:00–11:30	H1	Studying the Universe from deep underground: the LUNA experiment — ●ROSANNA DEPALO
HK 26.2	Fri	11:30–12:00	H1	Double parton scattering and double parton distributions — ●PETER PLÖSSL
HK 26.3	Fri	12:00–12:30	H1	BSM physics in hadronic and nuclear beta decays: challenges and opportunities — ●CHIEN YEAH SENG

Invited talks of the joint symposium Neutron stars (SYNS)

See SYNS for the full program of the symposium.

SYNS 1.1	Thu	14:00–14:40	Audimax	Binary neutron stars: from gravitational to particle physics — •LUCIANO REZZOLLA
SYNS 1.2	Thu	14:40–15:20	Audimax	Probing subatomic physics with gravitational waves — •TANJA HIN- DERER
SYNS 1.3	Thu	15:20–16:00	Audimax	A NICER view of neutron stars — •ANNA WATTS

Sessions

HK 1.1–1.3	Mon	11:00–12:30	H1	Invited Talks - I
HK 2.1–2.7	Mon	16:30–18:30	H1	Heavy-Ion Collisions and QCD Phases I
HK 3.1–3.7	Mon	16:30–18:30	H2	Instrumentation I
HK 4.1–4.7	Mon	16:30–18:30	H3	Hadron Structure and Spectroscopy I
HK 5.1–5.7	Mon	16:30–18:30	H4	Nuclear Astrophysics
HK 6.1–6.6	Mon	16:30–18:15	H5	Instrumentation II
HK 7.1–7.3	Tue	11:00–12:30	H1	Invited Talks - II
HK 8.1–8.7	Tue	14:00–16:00	H1	Instrumentation III
HK 9.1–9.7	Tue	14:00–16:15	H2	Outreach
HK 10.1–10.6	Tue	14:00–16:00	H3	Hadron Structure and Spectroscopy II
HK 11.1–11.7	Tue	14:00–16:00	H4	Instrumentation IV
HK 12.1–12.7	Tue	16:30–18:30	H1	Heavy-Ion Collisions and QCD Phases II
HK 13.1–13.6	Tue	16:30–18:15	H2	Instrumentation V
HK 14.1–14.7	Tue	16:30–18:30	H3	Hadron Structure and Spectroscopy III
HK 15.1–15.6	Tue	16:30–18:30	H4	Structure and Dynamics of Nuclei I
HK 16.1–16.4	Wed	14:00–16:00	H1	Invited Talks - III
HK 17.1–17.7	Wed	16:30–18:30	H1	Heavy-Ion Collisions and QCD Phases III
HK 18.1–18.7	Wed	16:30–18:30	H2	Instrumentation VI
HK 19.1–19.6	Wed	16:30–18:15	H3	Hadron Structure and Spectroscopy IV
HK 20.1–20.6	Wed	16:30–18:45	H4	Fundamental Symmetries
HK 21.1–21.3	Thu	11:00–12:30	H1	Invited Talks - IV
HK 22.1–22.7	Thu	16:30–18:30	H1	Heavy-Ion Collisions and QCD Phases IV
HK 23.1–23.7	Thu	16:30–18:30	H2	Instrumentation VII
HK 24.1–24.7	Thu	16:30–18:30	H3	Hadron Structure and Spectroscopy V
HK 25.1–25.7	Thu	16:30–18:45	H4	Astroparticle Physics
HK 26.1–26.3	Fri	11:00–12:30	H1	Invited Talks - V
HK 27.1–27.8	Fri	14:00–16:15	H1	Heavy-Ion Collisions and QCD Phases V
HK 28.1–28.6	Fri	14:00–15:45	H2	Instrumentation VIII
HK 29.1–29.7	Fri	14:00–16:00	H3	Hadron Structure and Spectroscopy VI
HK 30.1–30.8	Fri	14:00–16:30	H4	Structure and Dynamics of Nuclei II