

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

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Overview of Invited Talks and Sessions

(Lecture halls HBR 14: HS 1 and 4, HBR 19: C 1, 2, 5a, 5b, and 103, HBR 62: EG 03, 05, 18, and 19;
Poster HBR 14: Foyer)

Invited Talks

HK 12.1	Tue	11:00–11:30	HBR 14: HS 1	How to understand the hadron spectrum — ●MEIKE KÜSSNER
HK 12.2	Tue	11:30–12:00	HBR 14: HS 1	3-body problem from phenomenology and lattice QCD — ●MAXIM MAI
HK 12.3	Tue	12:00–12:30	HBR 14: HS 1	Measurement of Antiproton-Production Cross Sections at AMBER — ●THOMAS PÖSCHL
HK 13.1	Tue	14:00–14:30	HBR 14: HS 1	First laser spectroscopy measurements of ^{53}Ca and the prospects for measuring ^{54}Ca — ●TIM LELLINGER
HK 13.2	Tue	14:30–15:00	HBR 14: HS 1	High-precision mass measurements near Sn-100 challenge nuclear theory — ●LUKAS NIES
HK 13.3	Tue	15:00–15:30	HBR 14: HS 1	Ab initio advances for medium-heavy nuclei and electroweak properties — ●TAKAYUKI MIYAGI
HK 36.1	Wed	14:00–14:30	HBR 14: HS 1	Hydrodynamic attractors and transport in small systems — ●ALEKSAS MAZELIAUSKAS
HK 36.2	Wed	14:30–15:00	HBR 14: HS 1	Multi-particle correlations: from hot-and-dense quark-gluon matter to an ultracold-and-dilute system with few atoms — ●ILYA SELYUZHENKOV
HK 36.3	Wed	15:00–15:30	HBR 14: HS 1	Observing the emergence of elliptic flow — ●SANDRA BRANDSTETTER, PHILIPP LUNT, CARL HEINTZE, MACIEJ GALKA, KEERTHAN SUBRAMANIAN, MARVIN HOLTEN, PHILIPP PREISS, SELIM JOCHIM
HK 59.1	Thu	11:00–11:30	HBR 14: HS 1	Gamma spectroscopy with AGATA: New insights in nuclear excitations along the nuclear chart — ●PETER REITER
HK 59.2	Thu	11:30–12:00	HBR 14: HS 1	Anisotropic flow in heavy-ion collisions at high and low beam energies — ●HANNAH ELFNER
HK 59.3	Thu	12:00–12:30	HBR 14: HS 1	Status of ALICE and ALICE 3 — ●ALEXANDER SCHMAH
HK 60.1	Thu	14:00–14:30	HBR 14: HS 1	Theory of multi-quark states — ●CHRISTOPH HANHART
HK 60.2	Thu	14:30–15:00	HBR 14: HS 1	Cross-Experiment Insights into Multiquarks and Molecular States — ●MIKHAIL MIKHASENKO
HK 60.3	Thu	15:00–15:30	HBR 14: HS 1	Molecular and bound states searches with femtoscopy — ●VALENTINA MANTOVANI SARTI
HK 74.1	Fri	9:45–10:15	HBR 14: HS 1	Strange hadron spectroscopy at GlueX and beyond — ●PETER HURCK
HK 74.2	Fri	10:15–10:45	HBR 14: HS 1	Overview of LUNA project at LNGS — ●DENISE PIATTI
HK 75.1	Fri	11:00–11:30	HBR 14: HS 1	Precision theory for charge radii of light nuclei — ●ARSENIY FILIN, VADIM BARU, EVGENY EPELBAUM, CHRISTOPHER KÖRBER, HERMANN KREBS, DANIEL MÖLLER, ANDREAS NOGGA, PATRICK REINERT
HK 75.2	Fri	11:30–12:00	HBR 14: HS 1	Investigating dense nuclear matter - recent results from HADES — ●BEHRUZ KARDAN

HK 75.3	Fri	12:00–12:30	HBR 14: HS 1	High-precision mass measurements of light ion species — •SANGEETHA SASIDHARAN, OLESIA BEZRODNOVA, WOLFGANG QUINT, SVEN STURM, KLAUS BLAUM
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Invited Talks of the joint Symposium Strong-Interaction Matter under Extreme Conditions

See SYEC for the full program of the symposium.

SYEC 1.1	Wed	9:00– 9:45	HBR 14: HS 1	Strong-interaction Matter under Extreme Conditions: a Review — •GUY D. MOORE
SYEC 1.2	Wed	9:45–10:30	HBR 14: HS 1	Theory of Strong-Interaction Matter — •GERGELY ENDRODI
SYEC 2.1	Wed	11:00–11:45	HBR 14: HS 1	Unravelling the phase structure of strong-interaction matter with high-energy heavy-ion experiments — •TETYANA GALATYUK
SYEC 2.2	Wed	11:45–12:30	HBR 14: HS 1	Neutron star mergers in numerical relativity — •MASARU SHIBATA

Sessions

HK 1.1–1.7	Mon	16:45–18:30	HBR 14: HS 1	Computing I
HK 2.1–2.6	Mon	16:45–18:30	HBR 14: HS 4	Nuclear Astrophysics I
HK 3.1–3.5	Mon	16:45–18:15	HBR 19: C 1	Instrumentation I
HK 4.1–4.5	Mon	16:45–18:15	HBR 19: C 2	Instrumentation II
HK 5.1–5.5	Mon	16:45–18:15	HBR 19: C 5a	Structure and Dynamics of Nuclei I
HK 6.1–6.5	Mon	16:45–18:15	HBR 19: C 5b	Structure and Dynamics of Nuclei II
HK 7.1–7.4	Mon	16:45–18:15	HBR 19: C 103	Astroparticle Physics I
HK 8.1–8.5	Mon	16:45–18:15	HBR 62: EG 03	Heavy-Ion Collisions and QCD Phases I
HK 9.1–9.5	Mon	16:45–18:15	HBR 62: EG 05	Heavy-Ion Collisions and QCD Phases II
HK 10.1–10.5	Mon	16:45–18:15	HBR 62: EG 18	Hadron Structure and Spectroscopy I
HK 11.1–11.6	Mon	16:45–18:15	HBR 62: EG 19	Hadron Structure and Spectroscopy II
HK 12.1–12.3	Tue	11:00–12:30	HBR 14: HS 1	Invited Talks I
HK 13.1–13.3	Tue	14:00–15:30	HBR 14: HS 1	Focus Session I: New Results on Nuclear Structure at Shell Closures
HK 14.1–14.6	Tue	15:45–17:15	HBR 14: HS 1	Structure and Dynamics of Nuclei III
HK 15.1–15.5	Tue	15:45–17:15	HBR 14: HS 4	Structure and Dynamics of Nuclei IV
HK 16.1–16.5	Tue	15:45–17:15	HBR 19: C 1	Instrumentation III
HK 17.1–17.5	Tue	15:45–17:15	HBR 19: C 2	Instrumentation IV
HK 18.1–18.6	Tue	15:45–17:15	HBR 19: C 5a	Instrumentation V
HK 19.1–19.5	Tue	15:45–17:15	HBR 19: C 5b	Structure and Dynamics of Nuclei V
HK 20.1–20.5	Tue	15:45–17:15	HBR 19: C 103	Astroparticle Physics II
HK 21.1–21.6	Tue	15:45–17:15	HBR 62: EG 03	Heavy-Ion Collisions and QCD Phases III
HK 22.1–22.5	Tue	15:45–17:15	HBR 62: EG 05	Heavy-Ion Collisions and QCD Phases IV
HK 23.1–23.5	Tue	15:45–17:15	HBR 62: EG 18	Heavy-Ion Collisions and QCD Phases V
HK 24.1–24.5	Tue	15:45–17:15	HBR 62: EG 19	Hadron Structure and Spectroscopy III
HK 25.1–25.5	Tue	17:30–19:00	HBR 14: HS 1	Hadron Structure and Spectroscopy IV
HK 26.1–26.5	Tue	17:30–19:00	HBR 14: HS 4	Structure and Dynamics of Nuclei VI
HK 27.1–27.5	Tue	17:30–19:00	HBR 19: C 1	Instrumentation VI
HK 28.1–28.5	Tue	17:30–19:00	HBR 19: C 2	Instrumentation VII
HK 29.1–29.4	Tue	17:30–19:00	HBR 19: C 5a	Instrumentation VIII
HK 30.1–30.6	Tue	17:30–19:15	HBR 19: C 5b	Structure and Dynamics of Nuclei VII
HK 31.1–31.5	Tue	17:30–19:00	HBR 19: C 103	Nuclear Astrophysics II
HK 32.1–32.5	Tue	17:30–19:00	HBR 62: EG 03	Heavy-Ion Collisions and QCD Phases VI
HK 33.1–33.5	Tue	17:30–19:00	HBR 62: EG 05	Heavy-Ion Collisions and QCD Phases VII
HK 34.1–34.5	Tue	17:30–19:00	HBR 62: EG 18	Heavy-Ion Collisions and QCD Phases VIII
HK 35.1–35.5	Tue	17:30–19:00	HBR 62: EG 19	Hadron Structure and Spectroscopy V
HK 36.1–36.3	Wed	14:00–15:30	HBR 14: HS 1	Focus Session II: Emergence of Collectivity in Few-Body Hadron Systems
HK 37.1–37.5	Wed	15:45–17:15	HBR 14: HS 1	Nuclear Astrophysics III
HK 38.1–38.5	Wed	15:45–17:15	HBR 14: HS 4	Structure and Dynamics of Nuclei VIII
HK 39.1–39.5	Wed	15:45–17:15	HBR 19: C 1	Instrumentation IX

HK 40.1–40.6	Wed	15:45–17:15	HBR 19: C 2	Instrumentation X
HK 41.1–41.4	Wed	15:45–17:15	HBR 19: C 5a	Instrumentation XI
HK 42.1–42.6	Wed	15:45–17:15	HBR 19: C 5b	Structure and Dynamics of Nuclei IX
HK 43.1–43.6	Wed	15:45–17:15	HBR 19: C 103	Outreach I
HK 44.1–44.6	Wed	15:45–17:15	HBR 62: EG 03	Heavy-Ion Collisions and QCD Phases IX
HK 45.1–45.6	Wed	15:45–17:15	HBR 62: EG 05	Heavy-Ion Collisions and QCD Phases X
HK 46.1–46.6	Wed	15:45–17:15	HBR 62: EG 18	Heavy-Ion Collisions and QCD Phases XI
HK 47.1–47.5	Wed	15:45–17:15	HBR 62: EG 19	Hadron Structure and Spectroscopy VI
HK 48.1–48.6	Wed	17:30–19:00	HBR 14: HS 1	Heavy-Ion Collisions and QCD Phases XII
HK 49.1–49.6	Wed	17:30–19:15	HBR 14: HS 4	Nuclear Astrophysics IV
HK 50.1–50.5	Wed	17:30–19:00	HBR 19: C 1	Instrumentation XII
HK 51.1–51.7	Wed	17:30–19:15	HBR 19: C 2	Instrumentation XIII
HK 52.1–52.6	Wed	17:30–19:00	HBR 19: C 5a	Structure and Dynamics of Nuclei X
HK 53.1–53.5	Wed	17:30–19:00	HBR 19: C 5b	Structure and Dynamics of Nuclei XI
HK 54.1–54.6	Wed	17:30–19:00	HBR 19: C 103	Computing II
HK 55.1–55.6	Wed	17:30–19:00	HBR 62: EG 03	Heavy-Ion Collisions and QCD Phases XIII
HK 56.1–56.7	Wed	17:30–19:15	HBR 62: EG 05	Heavy-Ion Collisions and QCD Phases XIV
HK 57.1–57.5	Wed	17:30–19:00	HBR 62: EG 18	Hadron Structure and Spectroscopy VII
HK 58.1–58.5	Wed	17:30–19:00	HBR 62: EG 19	Hadron Structure and Spectroscopy VIII
HK 59.1–59.3	Thu	11:00–12:30	HBR 14: HS 1	Invited Talks II
HK 60.1–60.3	Thu	14:00–15:30	HBR 14: HS 1	Focus Session III: Multiquark and Molecular States
HK 61.1–61.5	Thu	15:45–17:15	HBR 14: HS 1	Instrumentation XIV
HK 62.1–62.5	Thu	15:45–17:15	HBR 14: HS 4	Nuclear Astrophysics V
HK 63.1–63.6	Thu	15:45–17:15	HBR 19: C 1	Instrumentation XV
HK 64.1–64.5	Thu	15:45–17:15	HBR 19: C 2	Instrumentation XVI
HK 65.1–65.5	Thu	15:45–17:15	HBR 19: C 5a	Structure and Dynamics of Nuclei XII
HK 66.1–66.6	Thu	15:45–17:15	HBR 19: C 5b	Structure and Dynamics of Nuclei XIII
HK 67.1–67.4	Thu	15:45–17:15	HBR 19: C 103	Fundamental Symmetries I
HK 68.1–68.5	Thu	15:45–17:15	HBR 62: EG 03	Heavy-Ion Collisions and QCD Phases XV
HK 69.1–69.6	Thu	15:45–17:15	HBR 62: EG 05	Heavy-Ion Collisions and QCD Phases XVI
HK 70.1–70.5	Thu	15:45–17:15	HBR 62: EG 18	Hadron Structure and Spectroscopy IX
HK 71.1–71.6	Thu	15:45–17:15	HBR 62: EG 19	Hadron Structure and Spectroscopy X
HK 72.1–72.62	Thu	17:15–18:45	HBR 14: Foyer	Poster
HK 73	Thu	19:00–20:30	HBR 14: HS 1	Members' Assembly
HK 74.1–74.2	Fri	9:45–10:45	HBR 14: HS 1	Invited Talks III
HK 75.1–75.3	Fri	11:00–12:30	HBR 14: HS 1	Invited Talks IV

Members' Assembly of the Hadronic and Nuclear Physics Division

Thursday 19:00–20:30 HBR 14: HS 1