

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

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Overview of Invited Talks and Sessions

(Lecture halls Kurt-Alder HS Chemie, HS 1 & 2 & 3 Physik, HS 3 Chemie, SR Exp1A & SR Exp1B Chemie, SR 0.01 & SR 0.03 Erw. Physik; Poster Foyer Physik)

Invited Talks

HK 13.1	Tue	14:00–14:25	HS 1 Physik	Neutron-induced reactions and open questions in the s-process — ●ALBERTO MENGONI
HK 13.2	Tue	14:25–14:50	HS 1 Physik	n-capture experiments in inverse kinematics — ●RENE REIFARTH
HK 13.3	Tue	14:50–15:15	HS 1 Physik	Single atom counting of live interstellar radionuclides in natural archives — ●JOHANNES LACHNER
HK 24.1	Wed	11:00–11:30	Kurt-Alder HS Chemie	PUMA: low-energy nuclear physics with antiprotons — ●ALEXANDRE OBERTELLI
HK 24.2	Wed	11:30–12:00	Kurt-Alder HS Chemie	How well do we know the vector quarkonia? — ●NILS HÜSKEN
HK 24.3	Wed	12:00–12:30	Kurt-Alder HS Chemie	Precision redefined: Unlocking new frontiers with Monolithic Active Pixel Sensors — ●BOGDAN-MIHAIL BLIDARU
HK 25.1	Wed	14:00–14:25	HS 1 Physik	First laser spectroscopic measurements of charge radii along the carbon isotope chain — ●KRISTIAN KÖNIG, EMILY BURBACH, PHILLIP IMGRAM, BERNHARD MAASS, PATRICK MÜLLER, WILFRIED NÖRTERSCHÄUSER, JULIEN SPAHN
HK 25.2	Wed	14:25–14:50	HS 1 Physik	Precision radii of light elements using Metallic Magnetic Calorimeters — ●FREDERIK WAUTERS
HK 25.3	Wed	14:50–15:15	HS 1 Physik	Precision Radii from the No-Core Shell Model via Neural Networks — ●ROBERT ROTH
HK 39.1	Thu	11:00–11:30	Kurt-Alder HS Chemie	Upgrade programme for the ALICE experiment at the LHC — ●ANDREA DAINESE
HK 39.2	Thu	11:30–12:00	Kurt-Alder HS Chemie	Antiproton production measurement for indirect Dark Matter search at the AMBER experiment at CERN — ●DAVIDE GIORDANO
HK 39.3	Thu	12:00–12:30	Kurt-Alder HS Chemie	New Constraints on the Nuclear Equation of State — ●MELISSA MENDES
HK 62.1	Fri	11:00–11:30	Kurt-Alder HS Chemie	New insights into the QCD phase diagram — ●FABIAN RENNECKE
HK 62.2	Fri	11:30–12:00	Kurt-Alder HS Chemie	Overview of the BGOOD experiment at ELSA, Bonn — ●RACHELE DI SALVO
HK 62.3	Fri	12:00–12:30	Kurt-Alder HS Chemie	Precision experiments with undressed radioactive atoms — ●YURY LITVINOV

Invited Talks of the joint Symposium Mass Matters: Prospects of Bridging Nuclear Physics, Mass Spectrometry, and Astrophysics (SYMM)

See SYMM for the full program of the symposium.

SYMM 1.1	Tue	11:00–11:30	Kurt-Alder HS Chemie	Mass measurements with RIBs — ●GUY SAVARD LUNA -Experimental challenges in Underground Nuclear Astrophysics Laboratory — ●ALBA FORMICOLA The r-process: connecting astrophysics and nuclear physics — ●ALMUDENA ARCONES
SYMM 1.2	Tue	11:30–12:00	Kurt-Alder HS Chemie	
SYMM 1.3	Tue	12:00–12:30	Kurt-Alder HS Chemie	

Sessions

HK 1.1–1.5	Mon	15:00–16:30	HS 2 Physik	Structure and Dynamics of Nuclei I
HK 2.1–2.4	Mon	15:00–16:15	HS 3 Physik	Structure and Dynamics of Nuclei II
HK 3.1–3.6	Mon	15:00–16:30	HS 3 Chemie	Heavy-Ion Collisions and QCD Phases I
HK 4.1–4.5	Mon	15:00–16:30	SR Exp1A Chemie	Instrumentation I
HK 5.1–5.6	Mon	15:00–16:30	SR Exp1B Chemie	Instrumentation II
HK 6.1–6.5	Mon	15:00–16:30	SR 0.03 Erw. Physik	Nuclear Astrophysics I
HK 7.1–7.6	Mon	16:45–18:15	HS 2 Physik	Structure and Dynamics of Nuclei III
HK 8.1–8.4	Mon	16:45–18:00	HS 3 Physik	Structure and Dynamics of Nuclei IV
HK 9.1–9.6	Mon	16:45–18:15	HS 3 Chemie	Heavy-Ion Collisions and QCD Phases II
HK 10.1–10.5	Mon	16:45–18:15	SR Exp1A Chemie	Instrumentation III
HK 11.1–11.6	Mon	16:45–18:15	SR Exp1B Chemie	Instrumentation IV
HK 12.1–12.4	Mon	16:45–18:00	SR 0.03 Erw. Physik	Nuclear Astrophysics II
HK 13.1–13.3	Tue	14:00–15:30	HS 1 Physik	Focus Session I: Neutron capture reactions in the cosmos and the lab (joint session HK/SYMM)
HK 14.1–14.5	Tue	14:00–15:30	HS 2 Physik	Structure and Dynamics of Nuclei V
HK 15.1–15.5	Tue	14:00–15:30	HS 3 Physik	Hadron Structure and Spectroscopy I
HK 16.1–16.6	Tue	14:00–15:30	HS 3 Chemie	Heavy-Ion Collisions and QCD Phases III
HK 17.1–17.5	Tue	15:45–17:15	HS 2 Physik	Structure and Dynamics of Nuclei VI
HK 18.1–18.5	Tue	15:45–17:15	HS 3 Physik	Hadron Structure and Spectroscopy II
HK 19.1–19.6	Tue	15:45–17:15	HS 3 Chemie	Heavy-Ion Collisions and QCD Phases IV
HK 20.1–20.6	Tue	15:45–17:15	SR Exp1A Chemie	Instrumentation V
HK 21.1–21.5	Tue	15:45–17:15	SR Exp1B Chemie	Instrumentation VI
HK 22.1–22.5	Tue	15:45–17:15	SR 0.03 Erw. Physik	Nuclear Astrophysics III
HK 23.1–23.44	Tue	17:30–19:00	Foyer Physik	Poster
HK 24.1–24.3	Wed	11:00–12:30	Kurt-Alder HS Chemie	Invited Talks I
HK 25.1–25.3	Wed	14:00–15:30	HS 1 Physik	Focus Session II: Accurate Nuclear Charge Radii of Light Elements
HK 26.1–26.5	Wed	14:00–15:30	HS 2 Physik	Structure and Dynamics of Nuclei VII
HK 27.1–27.5	Wed	14:00–15:15	SR Exp1A Chemie	Computing I
HK 28.1–28.4	Wed	15:45–17:15	HS 2 Physik	Structure and Dynamics of Nuclei VIII
HK 29.1–29.5	Wed	15:45–17:15	HS 3 Physik	Hadron Structure and Spectroscopy III
HK 30.1–30.5	Wed	15:45–17:15	HS 3 Chemie	Heavy-Ion Collisions and QCD Phases V
HK 31.1–31.5	Wed	15:45–17:00	SR Exp1A Chemie	Instrumentation VII
HK 32.1–32.5	Wed	15:45–17:15	SR 0.03 Erw. Physik	Nuclear Astrophysics IV
HK 33.1–33.5	Wed	17:30–19:00	HS 2 Physik	Structure and Dynamics of Nuclei IX
HK 34.1–34.5	Wed	17:30–18:45	HS 3 Physik	Hadron Structure and Spectroscopy IV
HK 35.1–35.6	Wed	17:30–19:00	HS 3 Chemie	Heavy-Ion Collisions and QCD Phases VI
HK 36.1–36.5	Wed	17:30–19:00	SR Exp1A Chemie	Instrumentation VIII
HK 37.1–37.5	Wed	17:30–19:00	SR 0.03 Erw. Physik	Nuclear Astrophysics V
HK 38.1–38.1	Wed	19:00–20:00	HS 3 Physik	yHEP Annual Meeting
HK 39.1–39.3	Thu	11:00–12:30	Kurt-Alder HS Chemie	Invited Talks II
HK 40.1–40.5	Thu	14:00–15:30	HS 2 Physik	Structure and Dynamics of Nuclei X
HK 41.1–41.6	Thu	14:00–15:30	HS 3 Physik	Hadron Structure and Spectroscopy V
HK 42.1–42.5	Thu	14:00–15:30	HS 3 Chemie	Heavy-Ion Collisions and QCD Phases VII
HK 43.1–43.5	Thu	14:00–15:30	SR Exp1A Chemie	Instrumentation IX
HK 44.1–44.6	Thu	14:00–15:30	SR Exp1B Chemie	Instrumentation X
HK 45.1–45.5	Thu	14:00–15:15	SR 0.03 Erw. Physik	Nuclear Astrophysics VI
HK 46.1–46.2	Thu	14:00–14:30	SR 0.01 Erw. Physik	Computing II
HK 47.1–47.2	Thu	14:30–15:30	SR 0.01 Erw. Physik	Fundamental Symmetries I
HK 48.1–48.6	Thu	15:45–17:15	HS 2 Physik	Structure and Dynamics of Nuclei XI
HK 49.1–49.4	Thu	15:45–17:00	HS 3 Physik	Hadron Structure and Spectroscopy VI
HK 50.1–50.6	Thu	15:45–17:15	HS 3 Chemie	Heavy-Ion Collisions and QCD Phases VIII

HK 51.1–51.5	Thu	15:45–17:15	SR Exp1A Chemie	Instrumentation XI
HK 52.1–52.5	Thu	15:45–17:00	SR Exp1B Chemie	Instrumentation XII
HK 53.1–53.4	Thu	15:45–17:00	SR 0.03 Erw. Physik	Nuclear Astrophysics VII
HK 54.1–54.4	Thu	15:45–17:15	SR 0.01 Erw. Physik	Fundamental Symmetries II
HK 55.1–55.4	Thu	17:30–18:45	HS 2 Physik	Structure and Dynamics of Nuclei XII
HK 56.1–56.4	Thu	17:30–18:45	HS 3 Physik	Hadron Structure and Spectroscopy VII
HK 57.1–57.5	Thu	17:30–19:00	HS 3 Chemie	Heavy-Ion Collisions and QCD Phases IX
HK 58.1–58.5	Thu	17:30–19:00	SR Exp1A Chemie	Instrumentation XIII
HK 59.1–59.5	Thu	17:30–18:45	SR Exp1B Chemie	Instrumentation XIV
HK 60.1–60.3	Thu	17:30–18:30	SR 0.03 Erw. Physik	Astroparticle Physics VIII
HK 61	Thu	19:00–20:30	HS 2 Physik	Members' Assembly
HK 62.1–62.3	Fri	11:00–12:30	Kurt-Alder HS Chemie	Invited Talks III

Members' Assembly of the Hadronic and Nuclear Physics Division

Thursday 19:00–20:30 HS 2 Physik

- Approval of the minutes and the agenda
- Report from HK division chair
- Report from KHuK
- Election of new HK chair and deputy
- Aob