

Workshop for young scientists with research interests focused on physics at FAIR

Monday 22 September 2014

Talks - Hotel meeting room (09:15-10:30)

time	[id] title	presenter
09:15	[93] Higher Moments of Net-proton, Net-charge Multiplicity Distributions at RHIC	Dr LUO, Xiaofeng
10:00	[43] Determination of freeze-out conditions from fluctuations in the Hadron Resonance Gas model	Mr ALBA, Paolo Giuseppe

Talks - Hotel meeting room (11:00-12:00)

time	[id] title	presenter
11:00	[59] Cooper-Frye negative contributions and thermalization at FAIR energies	OLIINYCHENKO, Dmytro
11:30	[63] Adaptive triggering for scintillation signals	Dr VESIC, Jelena

Talks: Talks - Hotel meeting room (17:00-19:00)

time	[id] title	presenter
17:00	[62] Multiplicity fluctuations and flow at the quark-hadron phase transition in a fluid dynamical model	Dr HEROLD, Christoph
17:30	[82] The Parallel Cellular Automaton track finder for the CBM experiment	Ms AKISHINA, Valentina
18:00	[65] Electromagnetic calorimeter concept for the HADES spectrometer	Mr SVOBODA, Ondrej
18:30	[71] Radial modes of oscillations of magnetized compact hybrid stars	Mr NIHAR RANJAN PANDA, Nihar

Tuesday 23 September 2014

Talks - Hotel meeting room (09:15-10:30)

time	[id] title	presenter
09:15	[76] Theory Challenges for CBM	Dr STEINHEIMER, Jan
10:00	[69] Overview of the Silicon Tracking System for the CBM experiment	LARIONOV, Pavel

Talks - Hotel meeting room (11:00-12:00)

time	[id] title	presenter
11:00	[75] Prospects for thermal dilepton rates from lattice QCD	FRANCIS, Anthony
11:30	[47] Chiral phase transition and critical endpoint in the vectormeson extended linear sigma model	Dr KOVACS, Peter

Talks - Hotel meeting room (17:00-19:00)

time	[id] title	presenter
17:00	[81] Photon emission within the quark meson model	Mr WUNDERLICH, Falk
17:30	[51] Charged Kaon- and ϕ -reconstruction in Au+Au-collisions at 1.23 AGeV	Mrs SCHULDES, Heidi
18:00	[50] V0 Reconstruction in Au+Au-Collisions at 1.23 AGeV with HADES	Mr SCHEIB, Timo
18:30	[55] Backtracking algorithm for lepton reconstruction with HADES	Mr SELLHEIM, Patrick

Wednesday 24 September 2014

Talks - Hotel meeting room (09:15-10:30)

time	[id] title	presenter
09:15	[46] The PANDA Experiment	Mr KLIEMT, Ralf
10:00	[78] Meson spectroscopy in a study of the Bethe-Salpeter equation	KUBRAK, Stanislav

Talks - Hotel meeting room (11:00-12:30)

time	[id] title	presenter
11:00	[60] Tau Vector and Axial Vector Spectral Functions in the Extended Linear Sigma Model	Ms HABERSETZER, Anja
11:30	[48] Phenomenology of (open and hidden) charmed meson in a chiral symmetric model.	Ms ESHRAIM, Walaa
12:00	[92] BES III results and overview	Dr HU, Jifeng

Talks - Hotel meeting room (17:00-19:00)

time	[id] title	presenter
17:00	[61] Theoretical approaches to dilepton production: What can we learn about in-medium effects from model calculations?	Mr ENDRES, Stephan
17:30	[66] Charmonium suppression in a baryon rich quark-gluon plasma	Mr BHADURI, Partha Pratim
18:00	[88] PRIOR - Proton Microscope for FAIR	SHESTOV, Lev
18:30	[83] Towards Proton Therapy and Radiography at FAIR	PRALL, Matthias

Thursday 25 September 2014

Talks - Hotel meeting room (09:15-10:30)

time	[id] title	presenter
09:15	[53] Non-conventional mesons at the PANDA experiment	Dr GIACOSA, Francesco
10:00	[87] Materials research with energetic ion beams: Basic aspects and nanotechnology	BENDER, Markus

Talks - Hotel meeting room (11:00-12:15)

time	[id] title	presenter
11:00	[80] The g-factor of highly-charged ions – stress test for the Standard Model and access to the atomic mass of the electron	Dr STURM, Sven
11:45	[84] TRIGA-SPEC: Status of the MATS and LaSpec prototype systems for the FAIR facility	Mr RENISCH, Dennis Mr BEYER, Thomas

Friday 26 September 2014

Talks - Hotel meeting room (09:15-10:30)

time	[id] title	presenter
09:15	[49] Studies of exotic nuclei: state-of-the-art experimental tools and techniques	Dr PASCHALIS, Stefanos
10:00	[67] Study of the unbound ^{13}Be and the future of p2p reactions at FAIR	Mr RIBEIRO, Guillermo

Talks - Hotel meeting room (11:00-12:00)

time	[id] title	presenter
11:00	[91] Investigation of the prompt gamma ray emission for online monitoring in ion therapy	Mr STEINSCHADEN, Dominik
11:30	[89] Hard X-Ray Polarimetry using Double-Sided Segmented Solid-State Detectors as Compton Polarimeters	Dr WEBER, Günter

Talks - Hotel meeting room (17:00-19:30)

time	[id] title	presenter
17:00	[73] Chiral dynamics and peripheral partons in the nucleon	GRANADOS, Carlos
17:30	[72] Lattice study of hybrid static potentials	Mr WOLF, Philipp
18:00	[44] Higher order fluctuations of strangeness and flavor hierarchy	Dr MANTOVANI SARTI, Valentina
18:30	[77] Feasibility studies for the Forward Spectrometer	Mr BIERNAT, Jacek

Saturday 27 September 2014

Talks - Hotel meeting room (09:15-10:30)

time	[id] title	presenter
09:15	[90] A Primer on Nucleosynthesis	Dr MUMPOWER, Matthew
10:00	[54] Investigating 8B structure for astrophysical applications	Ms HENNINGER, Katharine

Talks - Hotel meeting room (11:00-12:00)

time	[id] title	presenter
11:00	[68] Antibaryon-nucleus bound states	Ms HRTANKOVA, Jaroslava
11:30	[58] Reconstruction of π^0 and η mesons via conversion method in Au+Au at 1.23A GeV with HADES	Mrs BEHNKE, Claudia

Talks - Hotel meeting room (17:00-19:00)

time	[id] title	presenter
17:00	[64] Non-perturbative relativistic calculations of electronic quantum dynamics in low-energy ion-atom collisions	Dr YURY, Kozhedub
17:30	[74] Bound-electron g-factor and fundamental constants	Mr GLAZOV, Dmitry
18:00	[70] Lattice Investigation of Heavy Meson Interactions	Mr WAGENBACH, Björn
18:30	[52] Phase structure of three and four flavor QCD	Mr WELZBACHER, Christian A.