

XXIV International Baldin Seminar on High Energy Physics Problems "Relativistic Nuclear Physics and Quantum Chromodynamics"

Monday, 17 September 2018

Plenary - Conference Hall of VBLHEP (09:00 - 09:30)

-Conveners: Victor Matveen

time	[id] title	presenter
09:00	[42] Opening	Prof. MATVEEV, Victor
09:10	[43] Welcome from VBLHEP Directorate	Prof. KEKELIDZE, Vladimir
09:20	[44] Welcome from Dubna administration	DANILOV, Maxim

Plenary - Conference Hall of VBLHEP (10:10 - 12:30)

-Conveners: Lee Pondrom

time	[id] title	presenter
10:10	[34] The ideas of A.M.Baldin on overcoming the reductionism principle in relativistic physics	BALDIN, Anton
10:50	[45] Interaction of Quantum Systems with Environment in QCD	Prof. KUVSHINOV, Viacheslav
11:20	[201] NICA project: status	Dr ROGACHEVSKIY, Oleg
12:00	[22] Status of NICA-SPIN Program	Prof. KOVALENKO, Alexander

Tuesday, 18 September 2018

Plenary - Conference Hall of VBLHEP (08:00 - 10:00)

-Conveners: Mikhail Barabanov

time	[id] title	presenter
08:00	[6] PENTAQUARK AND HYBRID STATES	SANTOPINTO, Elena
08:40	[7] Exotic hadrons with heavy quarks: experimental perspective	Prof. SKWARNICKI, Tomasz
09:20	[5] Exotic quarkonium at e+e- colliders	PAKHLOVA, Galina

Plenary - Conference Hall of VBLHEP (10:30 - 12:30)

-Conveners: Elena Santopinto

time	[id] title	presenter
10:30	[8] NUCLEON STRUCTURE STUDIES WITH THE PANDA EXPERIMENT AT FAIR	Dr DBEYSSI, Alaa
11:00	[9] Recent results from the BESIII experiment	Dr BOYKO, Igor
11:40	[15] PROGRESS IN EXPERIMENTAL STUDIES OF THE BGO-OD COLLABORATION AT BONN	Prof. NEDOREZOV, Vladimir
12:10	[20] Probing QCD with the ATLAS detector	Ms CABRAS, Grazia

Wednesday, 19 September 2018

Plenary - Conference Hall of VBLHEP (08:00 - 10:00)

-Conveners: Horst Stoecker

time	[id] title	presenter
08:00	[18] Status of neutrino oscillations	Prof. KUDENKO, Yury
08:40	[33] Hyperons at BM@N experiment: first results	Mr POKATASHKIN, Gleb
09:00	[38] $\pi J/\psi-D\bar{D}$ potential described by the quark exchange diagram	Dr YAMAGUCHI, Yasuhiro
09:20	[23] EXPLORING THE RELATIVISTIC BOUND STATE STRUCTURE IN MINKOWSKI SPACE: APPLICATIONS TO HADRONS	Prof. FREDERICO, TOBIAS

Plenary - Conference Hall of VBLHEP (10:30 - 12:35)

-Conveners: TOBIAS Frederico

time	[id] title	presenter
10:30	[99] Quark correlation in the ground and excited nucleon states via the photo-absorption sum rules	Prof. GERASIMOV, Sergo
11:00	[17] Proton radius puzzle: experiment vs theory	Prof. DOROKHOV, Alexander
11:30	[16] Critical remarks on the determination of the proton radius	Mrs TOMASI-GUSTAFSSON, Egle
12:00	[236] MAGIC - how Matter's extreme phases can be revealed in gravitational wave observations and in relativistic heavy ion collision experiments	Prof. STOECKER, Horst
12:30	[244] Book "The discovery of the Higgs Boson at the LHC" (in Russian)	Dr ZARUBIN, Anatoly

Thursday, 20 September 2018

Plenary - Conference Hall of VBLHEP (08:00 - 10:00)

-Conveners: Vadim Alexakhin

time	[id] title	presenter
08:00	[11] Recent results from strong interaction program of NA61/SHINE experiment at CERN SPS	Prof. MELKUMOV, Georgy
08:40	[90] ENERGY AND SYSTEM SIZE DEPENDENCE OF MULTI-PARTICLE PRODUCTION IN ppTO, p-PB, Xe-Xe AND Pb-Pb COLLISIONS IN ALICE	Dr FEOFILOV, Grigory
09:10	[19] Overview of ALICE results on ultra-peripheral collisions	Dr KRYSHEN, Evgeny
09:40	[14] Chiral study of the four-quark state $f_0(500)$ in pion-pion and pion-nucleon scattering	LAKASCHUS, Phillip

Plenary - Conference Hall of VBLHEP (10:30 - 12:40)

-Conveners: Mikhail Tokarev

time	[id] title	presenter
10:30	[21] CMS: Physics Overview	Dr ALEXAKHIN, Vadim
11:10	[25] Semi-Inclusive Deep Inelastic Scattering in Wandzura-Wilczek-type approximation	Prof. EFREMOV, Anatoly
11:50	[24] BOUND STATES OF PURELY RELATIVISTIC NATURE	Dr KARMANOV, Vladimir
12:20	[26] Δ -ISOBAR CONTRIBUTION TO THE PION PRODUCTION IN THE REACTION $pp \rightarrow pp_s \pi^0$	Prof. UZIKOV, Yury

Friday, 21 September 2018

Plenary - Conference Hall of VBLHEP (08:00 - 10:00)

-Conveners: Vladimir LADYGIN

time	[id] title	presenter
08:00	[27] Exclusive studies of Short-Range Correlations in nuclei	Dr PATSYUK, Maria
08:40	[28] The Compressed Baryonic Matter Experiment at FAIR	KUGLER, Andrej
09:20	[29] Recent results from PHENIX at RHIC	Dr RIABOV, Viktor

Plenary - Conference Hall of VBLHEP (10:30 - 12:30)

-Conveners: Andrej Kugler

time	[id] title	presenter
10:30	[31] Highlights from the STAR experiment	Mr APARIN, Alexey
11:10	[103] Energy dependence of the vector A_y and tensor A_{yy} and A_{xx} analyzing powers in deuteron-proton elastic scattering at large scattering angles	Dr LADYGIN, Vladimir
11:50	[239] Fully solvable mathematical scheme for finding out the right mass and width values of $f_0(500)$ and $\rho^0(770)$ mesons	Prof. DUBNICHKA, Stanislav

Saturday, 22 September 2018**Plenary - Conference Hall of VBLHEP (08:00 - 09:40)****-Conveners: Stepan Shimanskiy**

time	[id] title	presenter
08:00	[36] Analytical description of hadron production in hadron-hadron and nuclear-nuclear collisions in the mid rapidity region	Prof. MALAKHOV, Aleksandr
08:20	[125] Self-consistent analysis of hadron production in pp and AA collisions at mid-rapidity	Prof. LYKASOV, Gennady
08:50	[35] Overview of new exposures of nuclear track emulsion in the BECQUEREL experiment	Dr ZARUBIN, Pavel
09:20	[200] RECENT RESULTS OF THE HADRONIC CROSS SECTION MEASUREMENTS WITH THE CMD-3 DETECTOR	Dr LUKIN, Peter

Plenary - Conference Hall of VBLHEP (10:00 - 13:00)**-Conveners: Egle Tomasi-Gustafsson**

time	[id] title	presenter
10:00	[10] Multiquark configurations in baryons and nuclei	Dr SHIMANSKIY, Stepan
10:40	[39] DENSE COLD MATTER	Dr STAVINSKIY, Alexey
11:00	[243] Spin Dynamics for EDM at Storage Rings	Prof. NIKOLAEV, Nikolai
11:30	[228] Quantum Dots: from theory to applications	NAZMITDINOV, Rashid
12:10	[229] Superheavy elements research at Dubna: achievements and perspectives	Dr KARPOV, Alexander
12:50	[224] Closing	Prof. MALAKHOV, Aleksandr Dr BONDARENKO, Serge BUROV, Valery