

XIIth Quark Confinement and the Hadron Spectrum

Monday, August 29, 2016

Plenary: Session I - Aristotelis (8:30 AM - 10:30 AM)

-Conveners: Michael Creutz

time	[id] title	presenter
8:30 AM	[352] Welcome	
9:00 AM	[38] QCD with chiral imbalance: models vs. lattice	ANDRIANOV, Alexander
9:30 AM	[318] Novel and innovative applications of the lattice: Calculation of Parton Distributions, proton charge radius and neutron electric dipole moment	Prof. ALEXANDROU, Constantia
10:00 AM	[214] Emergent phenomena and partonic structure in hadrons	ROBERTS, Craig

Plenary: Session II - Aristotelis (11:00 AM - 1:00 PM)

-Conveners: Jose Ribeiro

time	[id] title	presenter
11:00 AM	[431] HEP in the Greek classrooms	KOURKOUMELIS, Christine
11:30 AM	[423] PDFs from Jefferson Lab to the LHC	MELNITCHOUK, Wally
12:00 PM	[363] ROUND TABLE: Nucleon tomography. What can we do better today than Rutherford 100 years ago?	ALEXANDROU, Constantia ASCHENAUER, Elke-Caroline MOUTARDE, Hervé SCIMEMI, Ignazio STEFANIS, Nikolaos HORN, Tanja

Tuesday, August 30, 2016

Plenary: Session III - Aristotelis (8:30 AM - 10:30 AM)

-Conveners: Gastao Krein

time	[id] title	presenter
8:30 AM	[261] Roy-Steiner analysis of pion nucleon-scattering and a precision determination of the sigma-term	Prof. MEISSNER, Ulf-G.
9:00 AM	[330] Precision physics with QCD	PICH, Antonio
9:30 AM	[354] Review of present experimental and theoretical status of the proton radius puzzle	Prof. HILL, Richard
10:00 AM	[378] One and two nucleon matrix elements from lattice QCD for precision tests of the SM in NP environments	WALKER-LOUD, Andre

Plenary: Session IV - Aristotelis (11:00 AM - 1:00 PM)

-Conveners: Joan Soto

time	[id] title	presenter
11:00 AM	[306] Hadron physics meets gravity	LLANES-ESTRADA, Felipe J.
11:30 AM	[360] Flavour anomalies	BLAKE, Thomas
12:00 PM	[362] ROUND TABLE: Flavour anomalies - New Physics or QCD effects?	HOFER, Lars GERSABECK, Marco ZWICKY, Roman JAEGER, Sebastian BLAKE, Thomas LIU, Zhaofeng

Wednesday, August 31, 2016

Plenary: Session V - Aristotle University of Thessaloniki (8:30 AM - 10:45 AM)

-Conveners: Wolfgang Lucha

time	[id] title	presenter
8:30 AM	[382] Welcome	Prof. MITKAS, Pericles A.
8:45 AM	[133] Confinement and center vortices: a review of old and new results	Prof. GREENSITE, Jeff
9:15 AM	[244] QCD propagators and vertices from lattice QCD (in memory of Michael Müller-Preussker)	Dr STERNBECK, Andre
9:45 AM	[106] Recent progress in understanding deconfinement and chiral symmetry breaking transitions	SHURYAK, Edward
10:15 AM	[217] The Chiral Magnetic Effect: from quark-gluon plasma to Dirac/Weyl semimetals	KHARZEEV, Dmitri

Plenary: Session VI - Aristotle University of Thessaloniki (11:05 AM - 1:05 PM)

-Conveners: Hideo Suganuma

time	[id] title	presenter
11:05 AM	[357] ROUND TABLE: Can we understand confinement and the role of anomalies by studying analog materials?	NIEMI, Antti KHARZEEV, Dmitri DIAMANTINI TRUGENBERGER, Maria Cristina SCHAEFER, Thomas Dr SULEJMANPASIC, Tin SHEVCHENKO, Vladimir
12:05 PM	[383] Aristotle's Apprehension of Reality	Prof. ANTONIOU, Ioannis
12:35 PM	[384] Makedonian Thombs and Palaces of King Philippos	

Thursday, September 1, 2016

Plenary: Session VII - Aristotelis (8:30 AM - 10:30 AM)

-Conveners: Hagop Satzjian

time	[id] title	presenter
8:30 AM	[82] Frequentist statistics in High Energy Physics	GROSS, Eilam
9:00 AM	[258] Meson spectroscopy, resonances and scattering on the lattice	Dr THOMAS, Christopher
9:30 AM	[342] X, Y, Z states	Prof. NIELSEN, Marina
10:00 AM	[364] Review on exotic hadrons	NEUBERT, Sebastian

Plenary: Session VIII - Aristotelis (11:00 AM - 1:00 PM)

-Conveners: Antonio Vairo

time	[id] title	presenter
11:00 AM	[91] Challenges in Heavy Flavor and Quarkonium Production in p+p and p+Pb Collisions at the LHC	VOGT, Ramona
11:30 AM	[390] Dark matter at the LHC	KRAMER, Michael
12:00 PM	[439] Flavor Physics and Flavor Anomalies: Beyond the Standard Model	NEUBERT, Matthias
12:30 PM	[256] Model-Independent Simplified Limits on Resonances at the LHC	SIMMONS, Elizabeth

Friday, September 2, 2016

Plenary: Session IX - Aristotelis (8:30 AM - 10:30 AM)

-Conveners: **Manfried Faber**

time	[id] title	presenter
8:30 AM	[146] Frontiers of finite temperature lattice QCD	BORSANYI, Szabolcs
9:00 AM	[335] Jets at the LHC	WAALEWIJN, Wouter
9:30 AM	[367] Neutron Matter from Low to High Density	Dr CARLSON, Joseph
10:00 AM	[284] QCD kinetic theory and its applications	KURKELA, Eero Aleksi

Plenary: Session X - Aristotelis (11:00 AM - 1:00 PM)

-Conveners: **Alexander Andrianov**

time	[id] title	presenter
11:00 AM	[251] EFT for heavy probes in a hot QCD plasma and in the early universe	ESCOBEDO ESPINOSA, Miguel Ángel
11:30 AM	[437] Probing the Quark-Gluon Plasma at the LHC with heavy flavor observables	STACHEL, Johanna
12:00 PM	[353] ROUND TABLE: Collectivity in Small Systems	MOLNAR, Denes OLLITRAULT, Jean-Yves BOZEK, Piotr ARNALDI, Roberta SCHLICHTING, Soeren LI, Wei VAN DER SCHEE, Wilke

Plenary: Flash talks - Aristotelis (1:00 PM - 1:30 PM)

-Conveners: **Tommaso Dorigo**

time	[id] title	presenter
1:00 PM	[463] Irregularities at chemical freeze-out of hadrons as evidence of quark-gluon plasma formation	SAGUN, Violetta
1:06 PM	[465] Studies of Λ_c production in pp and p-Pb collisions with ALICE at the LHC	MENINNO, Elisa
1:13 PM	[466] Chiral magnetic effect and anomalous transport from real-time lattice simulations	SHARMA, Sayantan SCHLICHTING, Soeren
1:19 PM	[467] Event shape sorting	TOMASIK, Boris
1:25 PM	[468] Announcement	

Saturday, September 3, 2016

Plenary: Session XI - Aristotelis (8:15 AM - 10:15 AM)

-Conveners: Hugo Reinhardt

time	[id] title	presenter
8:15 AM	[413] Summary	BRAMBILLA, Nora
8:45 AM	[414] Overview of FAIR physics	PETERS, Klaus
9:15 AM	[415] Approaching precision information on the QCD phase diagram	BRAUN-MUNZINGER, Peter
9:45 AM	[433] Beam Energy Scan and Future Plans of RHIC	Dr NOUICER, Rachid

Plenary: Session XII - Aristotelis (10:35 AM - 12:40 PM)

-Conveners: Yiota Foka

time	[id] title	presenter
10:35 AM	[428] Experimental perspectives for the study of QCD matter at high net-baryon densities	FRIESE, Volker
11:00 AM	[184] Heavy ion experiments at NICA JINR	Dr ROGACHEVSKIY, Oleg
11:25 AM	[419] Future plans for heavy-ion physics at LHC	LI, Wei
11:55 AM	[420] AFTER@CERN	TRZECIAK, Barbara Antonina
12:10 PM	[422] The November Revolution	DE RUJULA, Alvaro