Contents

1 First day

1.1 Plenaries

Convenor INSERT CHAIRMEN

12.00 - 12.30	ATLAS
25+5 min.	*Electron and Photon ID*
12.00 - 12.30	Viktor Riabov
25+5 min.	*Resonance production in Pb-Pb collisions measured with the ALICE experiments at the LHC*
12.30 - 13.00	Cristina Bedda
25+5 min.	*Measurements of D-meson production in p-Pb and Pb-Pb collisions with the ALICE detector at the LHC*
12.30 - 13.00	Samuel Louis Bein
25+5 min.	*CMS Search for new physics in events with jets, b-tagged jets, and large missing transverse momentum in the all-hadronic channel at s = 13 TeV*
13.30 - 14.00	Maria Vasileiou
25+5 min.	*Transverse momentum spectra and nuclear modification factors of identified charged hadrons in p-Pb and Pb-Pb collisions at sNN = 5.02 TeV with ALICE*
13.30 - 13.50	ATLAS
15+5 min.	*Inclusive searches for squarks and gluinos with the ATLAS detector*
13.50 - 14.15	Athina Kourkoumeli-Charalambidi
20+5 min.	*Searches for electroweak production of supersymmetric gauginos and sleptons with the ATLAS detector*
14.00 - 14.30	Agnieszka uszczak
25+5 min.	*Dipole model analysis of highest precision HERA data, including very low* Q^2
14.00 - 14.30	Varvara Batozskaya
25+5 min.	*Measurements of the CP violating phase* phi_s *at LHCb*
14.15 - 14.45	Sergey Polikarpov
25+5 min.	*Recent CMS B physics results*
14.30 - 15.00	Evgeni Kolomeitsev
25+5 min.	*Fluctuations in non-ideal pion gas with dynamically fixed particle number*
12.00 - 12.20	Alexander Rudenko
15+5 min.	$f_1(1285) \to e^+e^-$ *decay and direct* f_1 *production in* e^+e^- *collisions*

12.20 - 12.40	Luca Lista
15+5 min.	*Top-quark results at CMS*
13.30 - 14.00	Dmitry Karlovets
25+5 min.	*Quantum scattering beyond the plane-wave approximation*
14.00 - 14.30	Mirzayusuf Musakhanov
25+5 min.	*Gluons, Heavy and Light Quarks in the QCD Vacuum*
14.30 - 15.00	Masayuki Koga
25+5 min.	*KamLAND-Zen 800 status and future prospects*
15.00 - 15.30	Christian Farnese
25+5 min.	*The ICARUS experiment*
13.30 - 14.00	Jovan Milosevic
25+5 min.	*Sub-leading flow modes in PbPb collisions at* $\sqrt{s_{NN}}$ *= 2.76 TeV from HYDJET++ model*
13.30 - 14.00	ATLAS
25+5 min.	*ATLAS Jet Reconstruction, Energy Scale Calibration, and Tagging of Lorentz-boosted Objects*
13.30 - 14.00	ATLAS
25+5 min.	*Measurement of cross sections and couplings of the Higgs Boson in bosonic decay channels with the ATLAS detector*
13.30 - 14.00	You Zhou
25+5 min.	*Correlations of anisotropic flow in relativistic heavy-ion collisions at the LHC*
14.00 - 14.30	ATLAS
25+5 min.	*Measurements of the Vector boson production with the ATLAS Detector*
14.00 - 14.30	Francesco Giacosa
25+5 min.	*Non-exponential decay in a quantum field theoretical treatment*
14.00 - 14.30	Riccardo Aliberti
25+5 min.	*Search for K+ to pi+ nu nu at NA62*
14.00 - 14.30	Jovan Milosevic
25+5 min.	*Heavy Ions (CMS)*
14.30 - 15.00	Walter Marcello Bonivento
25+5 min.	*The SHiP experiment at CERN*

14.30 - 15.00	Arantxa Ruiz Martinez
25+5 min.	*The ATLAS Run-2 Trigger Menu for higher luminosities: Design, Performance and Operational Aspects*
14.30 - 15.00	Annapaola De Cosa
25+5 min.	*Dark Matter searches at CMS*
14.30 - 15.00	Letizia Peruzzo
25+5 min.	*Search for heavy neutrinos at the NA48 and NA62 experiments at CERN*
15.00 - 15.30	Roberto Martinez
25+5 min.	*Mass problem in the Standard Model*
13.30 - 14.00	ATLAS
25+5 min.	*Top quark properties and mass measurements with the ATLAS detector*
13.30 - 14.00	Sercan Sen
25+5 min.	*Forward Physics at CMS*
14.00 - 14.30	ATLAS
25+5 min.	*Searches for direct pair production of third generation squarks with the ATLAS detector*
14.00 - 14.30	Norbert Neumeister
25+5 min.	*Standard Model Measurements at CMS*
14.30 - 15.00	ATLAS
25+5 min.	*Search for pair production of new particles in ATLAS*
14.30 - 15.00	Cristiano Alpigiani
25+5 min.	*Ultra long-lived particles searches with MATHUSLA*
11.30 - 12.00	Luis Gonzalez-Mestres
25+5 min.	*The nature and origin of Quantum Mechanics*
11.30 - 12.00	Michael Lublinsky
25+5 min.	*Initial state correlations in the CGC wave function*
11.30 - 12.00	Sergey Mironov
25+5 min.	*Towards topological quantum computer*
11.30 - 12.00	Alexis Kalogeropoulos
25+5 min.	*SUSY (CMS)*
12.00 - 12.30	Mohammed Sanduk
25+5 min.	*The analogy of equation of rotation in complex plane with the Dirac equation, and its foundation*

12.00 - 12.30	Cristi Stoica
25+5 min.	*Wavefunction collapse, conservation laws, and unitary evolution*
12.00 - 12.30	Christophe Royon
25+5 min.	*Forward Physics at the LHC: from the Pomeron structure to the search for anomalous coupling*
12.00 - 12.30	Andre Sopczak
25+5 min.	*SUSY (ATLAS)*
12.00 - 12.30	yogesh kumar
25+5 min.	*Equation of state of quark gluon plasma using a phenomenological model*
12.00 - 12.30	ATLAS
25+5 min.	*Measurements of low energy observables, elastic pp interactions and exclusive production in proton-proton collisions with the ATLAS Detector*
12.00 - 12.30	Bernhard Schwingenheuer
25+5 min.	*Searches for Neutrinoless Double Beta Decays*
12.00 - 12.30	David Mack
25+5 min.	*Searches for a Lepto-phobic Dark Omega with the GlueX Detector*
12.00 - 12.30	Sandro Bravar
25+5 min.	*Recent Results from T2K*
12.30 - 13.00	Craig William Evans
25+5 min.	*Towards the first measurement of matter-antimatter gravitational interaction*
12.30 - 13.00	Smbat Grigoryan
25+5 min.	*Using the Tsallis distribution for hadron spectra in pp collisions*
12.30 - 13.00	Lorenzo Bonechi
25+5 min.	*The MURAVES project and parallel activities on cosmic-ray muon absorption radiography*
12.30 - 13.00	Vitaly Bornyakov
25+5 min.	*Lattice QCD at finite baryon density using analytic continuation*
12.30 - 13.00	shihan sajeed
25+5 min.	*Invisible Trojan-horse attack*
12.30 - 13.00	Dragos-Victor Anghel
25+5 min.	*Beyond the phenomenology of the BCS model*

13.30 - 14.00	Yaron Hadad
25+5 min.	*On the relationship between electromagnetic curvature and acceleration of charges*
07.00 - 07.30	ATLAS
25+5 min.	*Recent Tests of the Standard Model with Multi boson final states at the ATLAS Detector*
07.00 - 07.30	Indrani nilima
25+5 min.	*The fate of Quarkonia in an Anisotropic hot QCD medium within a Quasi-Particle Model*
07.00 - 07.25	Swagata Mukherjee
20+5 min.	*Search for Charged Lepton Flavour Violation at CMS*
08.00 - 08.30	Johannes Hoelck
25+5 min.	*Electromagnetic field effects on meson suppression in PbPb collisions at LHC energies*
08.00 - 08.30	Denise Hellwig
25+5 min.	*Double Chooz double-detector results*
08.00 - 08.30	Elena Luschevskaya
25+5 min.	*Magnetic structure of vector mesons in lattice QCD*
08.30 - 09.00	Wenqing Fan
25+5 min.	*Low Momentum Direct Photon Measurement*
08.30 - 09.00	Aleksandr Korol
25+5 min.	*Measurement of the hadronic cross sections with the CMD-3 and SND detectors at the VEPP-2000 collider*
08.30 - 08.50	Konstantin Astapov
15+5 min.	*TBA*
08.50 - 09.15	Elena Solovieva
20+5 min.	*Excited Charmed Baryons*
09.00 - 09.30	ATLAS
25+5 min.	*Top quark production cross-section measurements*
09.00 - 09.30	Wangmei Zha
25+5 min.	*Calculations of coherent photon-nucleus and photon-photon interactions in hadronic A+A collisions at RHIC and LHC*
09.15 - 09.40	ATLAS
20+5 min.	*Probing QCD with Photons and Jets at the ATLAS Detector*

09.30 - 10.00 Georgios Karathanasis
25+5 min. *Search for new physics in events with two low momentum opposite-sign leptons and missing transverse energy at s = 13 TeV*

09.30 - 10.00 Anisa Khatun
25+5 min. *The measurement of J/Ψ production as function of multiplicity in pp and p-pb collisions with ALICE*

09.40 - 10.05 ATLAS
20+5 min. *Tracking and Vertexing with the ATLAS Inner Detector in the LHC Run2 and Beyond*

10.00 - 10.30 Sonja Kabana
25+5 min. *TBA*

12.00 - 12.30 Cristi Stoica
25+5 min. *The Standard Model Algebra*

12.00 - 12.30 Sergey Godunov
25+5 min. *Critical nucleus charge in a superstrong magnetic field*

12.30 - 13.00 Wenqing Fan
25+5 min. *Recent PHENIX results on high-pT light hadron production*

12.30 - 13.00 Jens Eisert
25+5 min. *Quantum simulators, boson sampling, and the quest for superior quantum devices*

13.30 - 14.00 Claudio Ciofi degli Atti
25+5 min. *Nuclear effects in high-energy physics based upon a realistic treatment of short-range nucleon dynamics in nuclei*

13.30 - 13.50 Anthony Lionti
15+5 min. *Search for magnetic monopoles with the MoEDAL forward trapping detector in 13 TeV proton-proton collisions at the LHC*

13.30 - 14.00 Igor Bulyzhenkov
25+5 min. *Modified Navier-Stokes equation for conceptual tests of pure field physics*

14.00 - 14.30 Rulin Xiu
25+5 min. *Inflation Scheme Derived From Universal Wave Function Interpretation of String Theory*

05.30 - 06.00 Raffaele Del Grande
25+5 min. *Low-energy K^- interaction with light nuclei by the AMADEUS collaboration*

06.00 - 06.30	Konstantin Gusev
25+5 min.	*LEGEND: new opportunity to discover the neutrinoless double beta decay*
06.30 - 07.00	Francesco Terranova
25+5 min.	*The CUORE and CUORE 0 experiments at LNGS*
07.00 - 07.30	Lorenzo Bonechi
25+5 min.	*Overview of LHCf results for Cosmic Ray Studies*
07.00 - 07.30	Sergey Dmitrievsky
25+5 min.	*New results from the OPERA experiment*
08.00 - 08.25	Boris Levchenko
20+5 min.	*New lepton pair production process and possibility of it study at the LHC*
08.00 - 08.25	Takashi Asada
20+5 min.	*Directional dark matter search with nuclear emulsion*
08.25 - 08.55	Andrzej Bozek
25+5 min.	*The Belle II Experiment*
08.25 - 08.50	Pablo G. Ortega
20+5 min.	*Hadronic molecules in a constituent quark model*
08.50 - 09.15	Shabana Nisar
20+5 min.	*Forward-backward asymmetry in top production through z' bosons*

1.2 Plenaries

Convenor INSERT CHAIRMEN

10.00 - 10.30	Mario Buscemi
25+5 min.	*The Pierre Auger Observatory: latest results and future perspectives*
05.30 - 06.00	Slava Mukhanov
25+5 min.	*Resolving the singularities in General Relativity*
06.00 - 06.30	Kosuke Sumiyoshi
25+5 min.	*Core-collapse supernovae explored by neutrino transfer and nuclear data*
06.30 - 07.00	Giuliana Fiorillo
25+5 min.	*Overview of Dark Matter Direct Searches*
07.00 - 07.30	Aldo Morselli
25+5 min.	*Indirect dark-matter searches with gamma-rays experiments : status and future plans from 300 KeV to 100 TeV*
09.00 - 09.30	Michal Eckstein
25+5 min.	*Noncommutative geometry at the new frontiers of theoretical physics*
08.00 - 08.30	Giovanni Andrea Prodi
25+5 min.	*LIGO/VIRGO Overview talk*
08.30 - 09.00	Annalisa Allocca
25+5 min.	*Status of Advanced Virgo*

1.3 Plenaries

Convenor INSERT CHAIRMEN

11.45 - 12.00	
10+5 min.	*Opening words*
12.00 - 12.30	Alessandro Romito
25+5 min.	*Ubiquitous non-local entanglement with Majorana bound states*
12.30 - 13.00	Yutaka Shikano
25+5 min.	*Quantum Dynamical Simulation by Quantum Walk*
13.30 - 14.00	Lajos Diosi
25+5 min.	*Pure state post-selection is universal*
14.00 - 14.30	Angelo Bassi
25+5 min.	*Wave function collaspe and gravity*
14.30 - 15.00	Ron Folman
25+5 min.	*Matter waves exposed to the external world: Decoherence, gravity, complementarity and time irreversibility*
15.00 - 15.30	Andrea Alberti
25+5 min.	*Testing the superposition principle with individual trapped atoms*
06.00 - 06.30	OKAMOTO RYO
25+5 min.	*One quantum shutter can close two slits simultaneously*
06.30 - 07.00	Avshalom Elitzur
25+5 min.	*Novel manifestations of quantum oblivion*
07.00 - 07.30	Daniel ROHRLICH
25+5 min.	*Locality and nonlocality in the interaction-free measurement*
08.00 - 08.30	Yakir Aharonov
25+5 min.	*The fascinating properties of weak values*
08.30 - 09.00	Michael Berry
25+5 min.	*Faster than Fourier (pre)visited: vorticulture, noise, fractals...*
09.00 - 09.30	Lev Vaidman
25+5 min.	*The controversy about the past of a quantum particle*
12.00 - 12.30	Sorin Paraoanu
25+5 min.	*Experimental realization of a shortcut to adiabaticity by synthetic Aharonov-Bohm effect in a qutrit*

12.30 - 13.00	Daniel Sheehan
25+5 min.	*Statistical superdegeneracy and quantum foundations*
13.30 - 14.00	Maurice de Gosson
25+5 min.	*Planck's constant as a cosmological variable: transitions from the quantum to the classical*
14.00 - 14.30	David Ellerman
25+5 min.	*Logical Information Theory: New Foundations for Classical and Quantum Information Theory*
14.30 - 15.00	Giuseppe Castagnoli
25+5 min.	*Fundamental mechanism of the quantum computational speedup*
06.00 - 06.30	Shao-Ming Fei
25+5 min.	*Quantum Uncertainty Relations and Related*
06.30 - 07.00	Eli Cohen
25+5 min.	*Quantum Mechanics is Two-Thirds Local Realistic*
07.00 - 07.30	Avishy Carmi
25+5 min.	*Invariance uncertainty determines quantum nonlocality*
08.00 - 08.30	Yuji Hasegawa
25+5 min.	*Counter-intuitive phenomena in quantum mechanics emerging in matter-wave optical experiments*
08.30 - 09.00	Fabrizio Piacentini
25+5 min.	*Weak Measurements: from Measuring Non-Commuting Observables and Testing Quantum Contextuality to Protective Measurements*
09.00 - 09.30	Avi Pe'er
25+5 min.	*Ultrafast Optical Homodyne - Measuring the Fundamental Variables of Quantum Optics* 10^5 *Times Faster*
09.30 - 10.00	Ebrahim Karimi
25+5 min.	*Quantum Cryptography with Structured Photons*

1.4 Plenaries

Convenor INSERT CHAIRMEN

12.00 - 12.30	Violetta Sagun
25+5 min.	*Neutron stars equation of state consistent with high-energy nuclear physics data*
13.30 - 14.00	Alexandros Gezerlis
25+5 min.	*Strongly interacting matter in neutron stars*
08.00 - 08.30	Roman Kolevatov
25+5 min.	*Cosmological bounce and Genesis beyond Horndeski*
08.30 - 09.00	Victoria Volkova
25+5 min.	*On perturbations in Horndeski theories*
09.00 - 09.30	Paul Saffin
25+5 min.	*Fermions from Oscillons*
09.30 - 10.00	Igor Mishustin
25+5 min.	*Self-consistent calculations of supernova matter*
10.00 - 10.30	Ryuji Takeishi
25+5 min.	*Observation of ultra-high energy cosmic rays with the Telescope Array experiment*
12.00 - 12.30	Kostas Glampedakis
25+5 min.	*Observationally constraining gravitational wave emission from short gamma-ray burst remnants*
12.30 - 13.00	Georgy Burde
25+5 min.	*Relativity with a preferred frame. Astrophysical and cosmological implications*
13.30 - 14.00	Fabio Cappella
25+5 min.	*Search for rare processes with DAMA experimental set-ups*
08.00 - 08.30	Vincenzo Caracciolo
25+5 min.	*DAMA/LIBRA results and perspectives*
08.30 - 09.00	Petr Blaschke
25+5 min.	*Pedal coordinate, dark Kepler and other force problems*
09.00 - 09.30	Martin Stahlberg
25+5 min.	*Direct dark matter search with ultra-low thresholds in the CRESST-III experiment*

12.00 - 12.30	Keiko Nagao
25+5 min.	*Anisotropy of dark matter velocity distribution measured with directional detection*
08.00 - 08.30	Anton Chudaykin
25+5 min.	*Heavy sterile neutrino with large mixing angle does not contradict cosmology*
09.00 - 09.30	Alexander Borisov
25+5 min.	*Exotic events in cosmic ray experiments at super high energies: a manifestation of New Physics?*
12.00 - 12.30	https://me.yahoo.com/a/NjbRTy15qdwcUkUX_tupKsRRNjAALA–#0d66d Zlatanovic
25+5 min.	*Geodesic mapping for non-symmetric gravitation theory (NGT) with torsion*
13.30 - 14.00	Maxim Fitkevich
25+5 min.	*Dilaton gravity with a boundary: current progress*
14.00 - 14.30	Predrag Dominis Prester
25+5 min.	*Pontryagin trace anomaly*
05.30 - 06.00	Luis Gonzalez-Mestres
25+5 min.	*The physical vacuum in standard theories and in alternative approaches*
06.00 - 06.30	Sergey Godunov
25+5 min.	*Domain Walls in the Early Universe and Generation of Matter and Antimatter Domains*
06.30 - 07.00	Hovik Grigorian
25+5 min.	*Cooling of Compact High Mass Twin Stars*
08.00 - 08.30	Constantinos Constantinou
25+5 min.	*Hot and dense nuclear matter in astrophysics*

1.5 Plenaries

Convenor INSERT CHAIRMEN

16.30 - 17.30 Frederic Lassiaille
55+5 min. *Surrounding matter theory*

16.30 - 17.30 HEXI SHI
55+5 min. *Search for the violation of Pauli principle at LNGS - first physics result of VIP2 experiment*

16.30 - 17.00 Andre Sopczak
25+5 min. *ttH Coupling Measurement with the ATLAS Detector at the LHC*

16.30 - 17.30 Wim De Boer
55+5 min. *Molecular Clouds as the Origin of the Gamma-Ray GeV excess*

16.30 - 17.30 marjan abbasipour
55+5 min. *Modification of Material Surface by Plasma*

16.30 - 17.30 Igor Bulyzhenkov
55+5 min. *Gravity until equipartition of relativistic kinetic energies.*

16.30 - 17.30 Timur Kamalov
55+5 min. *Quantum Correction for Newtons Law of Motion*

16.30 - 17.30 CHHANDA SAMANTA
55+5 min. *A-dependence of $\Lambda\Lambda$-bond and charge symmetry energies*

16.30 - 17.30 shihan sajeed
55+5 min. *Insecurity of detector-device-independent quantum key distribution*

16.30 - 17.30 Luigi Marchese, Luigi Marchese
55+5 min. *muon performance*

16.30 - 17.30 Alessandro Romito
55+5 min. *Thermodynamics along individual trajectories of a quantum bit*

16.30 - 17.30 Jorge Bernal Arroyo
55+5 min. *New Mathematical Formulation of the Correspondence Principle*

16.30 - 17.30 Gopinath Kamath
55+5 min. *Cylindrical symmetry: II. The Greens function in 3 + 1 dimensional curved space*

16.30 - 17.30 Luis Gonzalez-Mestres
55+5 min. *New particles and nonstandard new Physics*

16.30 - 17.30 Valerio Mascagna
55+5 min. *Experimental technique for $\bar{\text{p}}$-nucleus annihilation cross section measurements at low energy*

16.30 - 17.30 Luca Venturelli
55+5 min. *Antiproton-nucleus annihilation cross section at low energy*

16.30 - 17.30 Christian Farnese
55+5 min. *The new front end and DAQ of the ICARUS detector*

16.30 - 17.30 Ryan Parker
55+5 min. *Hybrid Photonic Loss Resilient Entanglement Swapping*

16.30 - 17.30 Virendrasinh H. Kher, Nayneshkumar Devlani, Ajay Kumar Rai
55+5 min. *Radiative transitions and the mixing parameters of the D meson*

16.30 - 17.30 Zalak Marfatia, Ajay Kumar Rai
55+5 min. *Heavy baryon spectroscopy in Hypercentral constituent quark model*

16.30 - 17.30 Adam Balcerzak
55+5 min. *Varying constants quantum cosmologies*

16.30 - 17.30 Yifan Cheng
55+5 min. *Possible Approach to Dynamical Supersymmetry Breaking via Nambu–Jona-Lasinio Model*

16.30 - 17.30 Georgios Karathanasis
55+5 min. *The new CMS Barrel Muon Track Finder*

16.30 - 17.30 Alexander Joan Cristo Jurez-Domnguez
55+5 min. *Quantization Aspects of a Hypercomplex Field*

16.30 - 17.30 Swagata Mukherjee
55+5 min. *Search for R-parity violating supersymmetry and Quantum black-holes in e+mu final state in CMS*

16.30 - 17.30 mer Bayraktar
55+5 min. *Experimental Relativistic Quantum Information with a Geostationary Satellite*

16.30 - 17.30 Andrea Lavagno
55+5 min. *Nuclear phase transition and thermodynamic instabilities in dense nuclear matter*

16.30 - 17.30 Mohammad M. Qaemmaqami
55+5 min. *On the Butterfly Effect in 3D Gravity*

16.30 - 17.30	Anna Stakia
55+5 min.	*Search for supersymmetry in events with one lepton, multiple jets and missing transverse momentum in proton-proton collisions at s = 13 TeV*
16.30 - 17.30	Anna Stakia
55+5 min.	*Jet-flavour tagging using deep-learning in the CMS experiment*
16.30 - 17.30	Ralf Seidl
55+5 min.	*Latest results on azimuthal anisotropy at RHIC-PHENIX*
17.00 - 17.30	Elisaveta Zherebtsova
25+5 min.	*Procedure for event characterization in Pb-Pb collisions at 40AGeV in the NA49 experiment at CERN SPS*
17.10 - 17.30	Laszlo Csernai
15+5 min.	*Applications of Advances in Relativistic Fluid Dynamics to Laser Fusion*
17.10 - 17.30	Cristiano Sebastiani
15+5 min.	*Search for displaced lepton jets with the ATLAS experiment*
17.10 - 17.30	Oleksii Ivanytskyi
15+5 min.	*On bimodal size distribution of spin clusters in the one-dimensional Ising model*

1.6 Plenaries

Convenor INSERT CHAIRMEN

05.30 - 06.00	John Ellis
25+5 min.	*What Physics Beyond the Standard Model?*
06.00 - 06.30	Malgorzata Kazana
25+5 min.	*CMS Overview*
06.30 - 07.00	ATLAS
25+5 min.	*ATLAS overview highlight talk*
07.00 - 07.30	Yasmine Sarah Amhis
25+5 min.	*LHCb overview*
08.00 - 08.30	Vladimir Gligorov
25+5 min.	*Flavourful roads to New Physics*
08.30 - 09.00	Rainer Mankel
25+5 min.	*ATLAS and CMS prospects for Higgs measurements and searches at the high luminosity LHC*
09.00 - 09.30	Marek Karliner
25+5 min.	*Prediction and discovery of doubly-heavy baryon*
14.30 - 15.00	Jamal Jalilian-Marian
25+5 min.	*Azimutal angular correlations in high energy processes in QCD*
08.00 - 08.25	Vasiliki Mitsou
20+5 min.	*Hunting New Physics with ATLAS [ATLAS]*
08.25 - 08.50	Anastasia Karavdina
20+5 min.	*Exotica searches at CMS*
08.50 - 09.20	Alexandra Carvalho Antunes De Oliveira
25+5 min.	*New Searches in High Energy Particle Physics*
12.00 - 12.30	Gerassimos Petratos
25+5 min.	*The Quark Parton Model of the Nucleon - Missing Links*
12.30 - 13.00	Johan Messchendorp
25+5 min.	*Physics perspectives of PANDA at FAIR*
05.30 - 05.50	Malte Christian Wilfert
15+5 min.	*COMPASS results on the nucleon spin structure*
05.50 - 06.15	Carl Gagliardi

20+5 min.	*Probing the Origin of the Proton Spin at STAR*
06.15 - 06.40	Ralf Seidl
20+5 min.	*PHENIX spin overview*
06.40 - 07.05	Mariusz Przybycien
20+5 min.	*Latest results on diffraction at HERA*
07.05 - 07.30	Konstantin Goulianos
20+5 min.	*Precision RENORM / MBR Diffraction Predictions Tested by Recent LHC Results*
08.00 - 08.30	Radek Zlebcik
25+5 min.	*Jet and photon production and extraction of α_s at HERA.*
08.30 - 09.00	Konstantin Gusev
25+5 min.	*GERDA: first background free search for neutrinoless double beta decay*
09.00 - 09.30	Marcello Bindi
25+5 min.	*Future Prospects (ATLAS)*
09.30 - 10.00	Kerstin Hoepfner
25+5 min.	*Overview talk on upgrades, future plans and prospects of the CMS experiment at the future HL-LHC*
08.00 - 08.30	Albert DeRoeck UNKNOWN
25+5 min.	*Searching for exotic long lived particles with dedicated experiments at the LHC*
08.30 - 09.00	Victor Kim
25+5 min.	*Search for asymptotic QCD effects at collider energies*
09.30 - 10.30	Jean Iliopoulos
55+5 min.	*Gauge Theories and non-Commutative Geometry. A review*
06.00 - 06.30	AMARJIT Soni
25+5 min.	*: Possible origin(s) of RD(*) flavor anomalies*
06.30 - 07.00	Ignatios Antoniadis
25+5 min.	*Scale hierarchies in particle physics and cosmology*
07.00 - 07.30	Valentin Zakharov
25+5 min.	*Chiral fluids: a few theoretical issues*
09.00 - 09.30	Peter Minkowski
25+5 min.	*Review of neutrino properties*

09.30 - 10.00	Sandro Bravar
25+5 min.	*The Hyper-Kamiokande Experiment*
10.00 - 10.30	Tomasz Skwarnicki
25+5 min.	*Summary of the Workshop on Exotic Hadrons*
09.00 - 09.30	Daniele Fasanella
25+5 min.	*Collective phenomena from high energy proton-proton to heavy-ion collisions at the LHC*
13.30 - 14.00	Lev Lipatov
25+5 min.	

1.7 Plenaries

Convenor INSERT CHAIRMEN

15.00 - 15.50 Avshalom Elitzur
45+5 min. *Would Nega-Particles Prove to be Essential Ingredients of Quantum Reality?*

05.30 - 06.00 Angelo Bassi
25+5 min. *Models of spontaneous wave function collapse: what they are and how they can be tested*

06.00 - 06.45 Michael Berry
40+5 min. *Nature's optics and our understanding of light*

06.45 - 07.30 Yakir Aharonov
40+5 min. *Finally making sense of the double-slit experiment*

05.30 - 06.00 Eliahu Cohen
25+5 min. *Novel aspects of nonlocality - theory and experiment*

06.00 - 06.45 Ivette Fuentes
40+5 min. *Gravity in the quantum lab*

06.45 - 07.30 Jens Eisert
40+5 min. *Quantum simulators, boson sampling, and the quest for superior quantum devices*

05.30 - 06.00 Natalia Korolkova
25+5 min. *Coherent Diffusive Photonics*

1.8 Plenaries

Convenor INSERT CHAIRMEN

15.00 - 15.30	Sergei Voloshin
25+5 min.	*Vorticity and global polarization in heavy ion collisions*
09.30 - 10.00	Torsten Dahms
25+5 min.	*ALICE Overview*
10.00 - 10.30	Jaroslav Bielcik
25+5 min.	*Overview of recent heavy-flavor and jet results from STAR*
09.20 - 09.50	Peter Senger
25+5 min.	*Cosmic matter in the laboratory - the Compressed Baryonic Matter Experiment at FAIR*
09.50 - 10.20	Vladimir Kekelidze
25+5 min.	*Status of the NICA project*
11.30 - 11.55	Mariusz Przybycien
20+5 min.	*Heavy Ion Physics (ATLAS)*
11.55 - 12.15	Emilie Maurice
15+5 min.	*Heavy Ion Physics*
12.15 - 12.35	Timothy Rinn
15+5 min.	*PHENIX Measurements of Charm and Bottom Decays*

1.9 Plenaries

Convenor INSERT CHAIRMEN

05.30 - 05.55	Maxime Gouzevitch
20+5 min.	*Introduction to the Mini-Workshop on Latest Results and New Physics in the Higgs Sector*
05.55 - 06.25	ATLAS
25+5 min.	*BEH overview (ATLAS)*
06.30 - 07.00	Anna Kropivnitskaya
25+5 min.	*Higgs parameters measurement with CMS data*
07.00 - 07.30	ATLAS
25+5 min.	*Measurement of cross sections and couplings of the Higgs Boson in fermionic production and decay modes with the ATLAS detector*
08.00 - 08.30	Valeria Botta
25+5 min.	*Measurements of the Higgs H(125) boson at CMS*
08.30 - 08.55	Asma Hadef, Asma Hadef
20+5 min.	*ttH Coupling Measurement with the ATLAS Detector at the LHC*
08.55 - 09.25	Oleg Lebedev
25+5 min.	*The Higgs and cosmology*
09.25 - 09.55	Junquan Tao
25+5 min.	*Search for rare and exotic Higgs Boson decay modes at CMS*
09.55 - 10.25	ATLAS
25+5 min.	*Search for rare and exotic Higgs Boson decay modes and Higgs boson pair production with the ATLAS detector*
12.00 - 12.30	Pier Paolo Giardino
25+5 min.	*Single Higgs production at LHC as a probe for anomalous Higgs self coupling*
12.30 - 13.00	Konstantin Androsov
25+5 min.	*Search for new physics in HH final state in CMS*
13.30 - 14.00	ATLAS
25+5 min.	*Search for neutral and charged BSM Higgs Bosons with the ATLAS detector*
14.00 - 14.30	Luca Panizzi
25+5 min.	*Phenomenological scenarios to fit a possible excess in the di-muon + jets channel*

14.30 - 15.00	Luigi Marchese
25+5 min.	*Measurement of $Z \to b\bar{b}$ cross section and search for Higgs-like particle produced in association with b quarks at CDF*
15.00 - 15.30	Justin Andrew Williams
25+5 min.	*Search for Anomalous Quartic Photon Coupling at the LHC*

1.10 Plenaries

Convenor INSERT CHAIRMEN

06.00 - 06.30	Willibald Plessas
25+5 min.	*Pion-Dressing Effects in Nucleon and Delta Masses and Form Factors*
06.30 - 07.00	Hugo Reinhardt
25+5 min.	*Hamiltonian approach to QCD in Coulomb gauge*
07.00 - 07.30	Mario Mitter
25+5 min.	*Quark, gluon and meson correlators of unquenched QCD*
12.00 - 12.30	Christian Schubert
25+5 min.	*Form factor decompositions of the QCD four-gluon vertex*
12.30 - 13.00	James Edwards
25+5 min.	*Worldline colour fields and non-Abelian quantum field theory*
13.30 - 14.00	Leonid Glozman
25+5 min.	*SU(2N_F) symmetry of confinement in QCD and its observation at high T*
14.00 - 14.30	Thierry Grandou
25+5 min.	*Effective locality and non-abelian gauge-invariance*
14.30 - 15.00	Ryo Yoshiike
25+5 min.	*Non-linear effect of the fluctuation for the inhomogeneous chiral phase transition*
06.30 - 07.00	Yongmin CHO
25+5 min.	*Weyl symmetric Abelian Decomposition and Monopole*
07.00 - 07.30	Ralf Hofmann
25+5 min.	*SU(2) Yang-Mills thermodynamics: a priori estimate and radiative corrections*
08.00 - 08.25	Andrey Kotov
20+5 min.	*Confinement-deconfinement phase transition in two-color QCD with nonzero baryon density*
08.25 - 08.50	Igor Bogolubsky
20+5 min.	*Gluon correlators and gluon effective mass in lattice QCD*
12.00 - 12.30	David Dudal
25+5 min.	*The linear covariant gauge beyond perturbation theory*
12.30 - 13.00	Christian Lang

25+5 min. *Hadron Resonances from Lattice QCD*

13.30 - 13.55 Ahmed Bakry
20+5 min. *Stiff self-interacting strings in high temperature phase of QCD.*

1.11 Plenaries

Convenor INSERT CHAIRMEN

05.30 - 06.10	David Edward Bruschi
35+5 min.	*Elements and applications of Relativistic Quantum Information*
06.10 - 06.50	Gordon Semenoff
35+5 min.	*Infrared Quantum Information*
06.50 - 07.30	Dmitry Gorbunov
35+5 min.	*Gravity Wave signatures of Electroweak Phase Transition in Split NMSSM*
08.00 - 08.40	Nikos Mavromatos
35+5 min.	*Self-Interacting Dark Matter, Right-Handed Neutrinos and Small-Scale Cosmology "Crisis"*
08.40 - 09.20	ATLAS
35+5 min.	*Collider searches for DM (ATLAS+CMS)*
11.30 - 12.10	Vladimir Zelevinsky
35+5 min.	*Chaotic Quantum Many-Body Systems and Philosophy of Thermalization*
12.10 - 12.50	Boris Kopeliovich
35+5 min.	*Fragmentation of highly virtual partons*
12.50 - 13.30	Laszlo Csernai
35+5 min.	*Advances in Relativistic Fluid Dynamics, Observables, and Applications*
13.30 - 14.10	Evgeny Zabrodin
35+5 min.	*Fluctuations and correlations*

1.12 Plenaries

Convenor INSERT CHAIRMEN

08.00 - 08.30	Dirk Rischke
25+5 min.	*Anisotropic dissipative fluid dynamics*
08.30 - 09.00	Carsten Greiner
25+5 min.	*Comparison of hydrodynamical and transport theoretical calculations for p+A and A+A collisions*
09.00 - 09.30	Gottfried Mnzenberg
25+5 min.	*Super Heavy Elements - experimental developments*
09.30 - 10.00	Igor Mishustin
25+5 min.	*Greiner and exotic matter*
10.00 - 10.30	Mikhail Itkis
25+5 min.	*Experimental investigation of fusion-fission mechanisms for superheavy nuclei*
08.50 - 09.20	Sigurd Hofmann
25+5 min.	*Eighty Years of Research on Super-heavy Elements*
09.20 - 09.50	Stefan Schramm
25+5 min.	*TBA*
09.50 - 10.20	Alexander Sorin
25+5 min.	*Vorticity and polarization in baryon-rich matter formed in heavy ion collisions*
12.00 - 12.30	Larissa Bravina
25+5 min.	*TBA*
12.30 - 13.00	Alexandre Gumberidze
25+5 min.	*Atomic physics with highly-charged heavy ions at GSI/FAIR*
13.30 - 14.00	Dorin Poenaru
25+5 min.	*Alpha and cluster decay of few super heavy nuclei. Under barrier fusion to produce Super heavy Nuclei.*
14.00 - 14.30	CHHANDA SAMANTA
25+5 min.	*Superheavy Nuclei to Hypernuclei: A Tribute to Walter Greiner*
14.30 - 15.00	Nabanita Dasgupta-Schubert
25+5 min.	*Predictability analysis of decay formulae and the partial half-lives of exotic nuclei.*

2 Second day

3 Third day