SCIENTIFIC PROGRAMME

Monday, March 6

I. Cosmology and Astroparticle Physics

8.30-11.30

Physics of Gravitational Waves	*Valeria Ferrari, Roma*
Towards Study of Gravitational Wave in Space	*Gudrun Wanner, Hannover*
coffee break	
On the Relaxation of the Cosmological Constant	*Enrico Trincherini, Pisa*
GeV Gamma-Rays from the Galactic Center: Diffuse Emission, Unresolved Sources and Dark Matter Contributions	*Dmitry Malyshev, Erlangen*
Primordial Black Hole Formation	*Alexander Dolgov, Ferrara*
Cosmology with the CMB: Planck and Beyond	*Paolo Natoli, Ferrara*

II. Neutrino Physics

16.00-19:00

Overview on Neutrino Electromagnetic Properties	*Alexander Studenikin, MSU /JINR*
More Results from the OPERA Experiment	***Giuliana Galati, Napoli***
Recent Progress in Neutrino Physics: a Theoretical Overview	*Pilar Hernandez IFIC*
Newest NOVA Results on Theta_13 and CPV in Neutrino Sector	*Evan Niner, FNAL*
Results and Perspectives from T2K on CPV in Neutrino Sector	*Anna Dabrowska, Cracow*
Short Distance Neutrino Oscillations with Borexino	*Barbara Caccianiga, Milano*
Measurement of the PMNS Matrix Element Theta_13 and CPV Parameters with Double Chooz	*Anthony Onillon, APC*

Tuesday, March 7

III. Dark Matter Searches

8.30-11-30

Theoretical Models for Dark Matter	*Giorgio Busoni, Melbourne*
Dark Matter Models Beyond the WIMP Paradigm	*Michael Baker, Meinz*
Dark Matter and Composite Weak Bosons	*Harald Fritzsch, Munich*
coffee break	
Status and Perspectives of the DARKSIDE Experiment at LNGS	*Paolo Agnes, Paris*
Status Report of the Xenon1T Experiment	*Julien Masbou, Subatech*
Prospects for Direct Dark-Matter Detection and 0n2b Expriments	*Laura Baudis, Zurich*

IV. Dark Matter and Neutrino Physics

16.00-17:20

GERDA Search for Neutrinoless DB Decay	*Marcin Misiaszek, Krakow*
Status and Perspectives of CUORE Experiment at LNGS	*Vivek Singh, Berkeley*

Young Scientists Forum

17:20-18:35

RH Neutrinos: Dark Matter and LFV	*Meziane Chekkal, Oran*
Inclusive Photon Cross Section at 13 TeV (ATLAS)	*Ana Rosario Cueto Gomez, Madrid*
Observation of the Decay Xib-->pKK	*Abhijit Mathad, Warwick*
Observation of the Rare Decays Lambda_0 -->p pi- mu+mu-	*Eluned Smith, Aachen*
W Boson Production in Association with Jets at CMS	*Kadir Ocalan,Konya*

V. Heavy Ions

18:35-19:30

Heavy-Ion Physics with ALICE	*Jochen Klein, CERN*
Heavy Ions at CMS	*Gabor Veres, CERN*

Wednesday, March 8

VI. Heavy Flavour Spectroscopy

8.30-12:00

BESIII - Oveview (including hadron spectroscopy)	*Malte Albrecht, Bochum*
BESIII - Observation fo Charmoniumlike Structure in Pipipsi (2S)	*Yateng Zhang, HeFei*
Production of the Quarkonia States with the ATLAS Detector	*Lailin Xu, Brookhaven*
coffee break	
Heavy Flavour Production and Spectroscopy at LHCb	*Jolanta Brodzicka, Manchester*
Mixing and CP Violation in D- and B-Meson Systems at LHCb	*Anita Nandi, Oxford*
Recent Progress on Lattice QCD for Kaon Physics	*Xu Feng, Bejing*
New Limits on Heavy Neutrino Searches from NA62	*Karim Massri, CERN*

VII. Flavour Physics

16.00-18.00

The November 1974 Revolution, Charmonium and Much More	*Alvaro De Rujula, CERN*
B-Physics Anomalies: SM vs NP	*Sébastien Descotes-Genon, Orsay*
Lepton Flavour Universality Tests at LHCb:	*Stefanie Reichert, CERN*
New Physics Searches with b->sll Transitions and Rare Decays at LHCb	*Kristof De Bruyn, Marseille*
NP in Flavour Observables	*Andreas Crivellin, PSI*

VIII. Special Session "Physics and Society"

18.00-19:30

SESAME: A Source of Light in the Middle East	*Zehra Sayers, Istanbul*
Pencilled-in Big Physics	*Vincenzo Palermo, Bologna*

Thursday, March 9

IX. QCD and Electroweak Physics

8.30-11.30

Progress in QCD for the LHC	*Fabrizio Caola, CERN*
Electroweak and QCD Physics at CMS	*Daniele Trocino, Northeastern*
Measurements of Underlying Event Properties and pQCD with Photons, Jets and Vector Boson +Jets with ATLAS	*Frank Siegert, Dresden*
Electroweak Precision Observables and Higgs Signal Strengths in the Standard Model and Beyond: Present and Future	*Luca Silvestrini, Roma*
coffee break	
Recent Results from D0	*Boris Tuchming, Saclay*
Hadronic Contribution to G-2 of the Muon and the Fine Structure Constant at the Z-Mass Scale	*Cesareo Dominguez, Cape Town*
Hadronic Light-by-Light Contribution to (G-2) within a Dispersive Approach	*Gilberto Colangelo, Bern*

X. Electroweak and Top Physics

16.30-19.30

Standard-Model Precision Measurements with W and Z Bosons Using the ATLAS Detector	*Vasiliki Kouskoura, Brookhaven*
Top, EWK and Recent Results from the Tevatron	*Donatella Lucchesi, Padova*
(H/125) SM Boson Measurements at CMS	*Martina Malberti, Milano*
Electroweak Physics at LHC as a BSM Probe	*Francesco Riva, CERN*
Recent Progress in Top-Quark Physics and ttH	*Eleni Vryonidou, Nikhef*
Top Quark Measurements at CMS	*Denys Lontkovsky, Brussels*
Top Production and Top Properties Measurements with ATLAS	*Wolfgang Wagner, Wuppertal*
Charmless b-Hadron Decays at LHCb	*Giulio Dujany Manchester*

Friday, March 10

XI. Searching for New Physics

8.30-11.30

BSM Higgs Boson Searches at CMS	*Federica Primavera, LNF*
Dark Matter Searches at CMS	*Bhawna Gomber, Wisconsin*

Searching for Dark Matter Beyond SUSY with the ATLAS Detector	*Frederik Ruehr, Freiburg*
coffee break	
Flavour Anomalies vs. High-pT Physics	*Admir Greljo, Zurich*
Strongly Interacting BSM	*Francesco Sannino, Odense*
Searching for Exotic Physics with the ATLAS Detector	*Pierre-Antoine Delsart, Grenoble*
New Physics (non-SUSY) Searches at CMS	*Mikhailo Dalchenko, Texas A&M*

XII. Searching for New Physics - continued

16.30-18:35

SUSY Searches at CMS	*Florent Sylvain Lacroix, UC Riverside*
Low-Energy SUSY Facing LHC Constraints	*Emanuele A. Bagnaschi, DESY*
Searches for Strongly Produced SUSY Particles Including R-Parity Violating Decays with ATLAS	*Takashi Yamanaka, Tokyo*
Searches for Third Generation Squarks, and for Electroweak Production of Charginos and Neutralinos in ATLAS	*Federica Legger, Munich*
Perspectives of Direct Detection of Supersymmetric Dark Matter within the MSSM and NMSSM Framework	*Dmitry Kazakov, JINR*

Young Scientists Forum

18:35-19:35

Differential Cross Section of Top Quark (ATLAS)	*Abigail O'Rourke, Hamburg*
Search for Single Production of a Vector-Like T Quark Decaying into a Top Quark and a Higgs Boson (CMS)	*Heiner Tholen, Hambug*
The Mu2e Experiment at Fermilab: Design and Status	*Raffaella Donghia, Roma*
Photon-Initiated processes at the LHC	*Juri Fiaschi, Southampton*

Saturday, March 11

X. Perspectives

9:00 – 10:30

The PADME Experiment for Dark Mediator Searches at the Frascati BTF	*Venelin Kozhuharov, Sofia*
BELLEII Status and Physics Prospects	*Pablo Goldenzweig, Karlsruhe*
Physics Opportunities with an Upgraded LHCb Detector in the HL-LHC Era	*Sascha Stahl, CERN*
The Day after LHC - Plans and Prospects for Future Accelerators	*Franco Bedeschi, Pisa*