

Poster Session 1: Particle astrophysics & cosmology

1. *Dokuchaev Vyacheslav* (Moscow) Dark matter annihilation in the Galaxy
2. *Capone Antonio* (Roma) NEMO developments towards the km³ telescope in the Mediterranean Sea
3. *Rakshit Subhendu* (Dortmund) On the transport equations of cosmic muon and tau neutrinos passing through the Earth
4. *Snigirev Alexander* (Moscow) Alignment as a result from QCD jet production or new still unknown physics at LHC?
5. *Rubtsov Grigory* (Moscow) Small-scale fluctuations of extensive air showers: systematics in energy and muon density estimation
6. *Lin Guey-Lin* (Hsinchu) SHINIE: Simulation of High-Energy Neutrino Interacting with the Earth
7. *Bambah Bindu* (Hyderabad) Post-inflationary baryon asymmetry
8. *Alavi Ali* (Sabzevar) Running of the spectral index in the noncommutative inflation
9. *Zakharov Alexander* (Moscow) Measuring the black hole parameters with space missions
10. *Sheykhi Ahmad* (Shiraz) Thermodynamics of rotating solutions in n+1 dimensional Einstein – Maxwell - dilation gravity
11. *Managadze Alexander* (Moscow) Alignment effect and large transverse momenta in the nuclear reaction at $E_0 > 10$ PeV detected in stratosphere
12. *Montanino Daniele* (Lecce) Supernova neutrino physics with future large Cherenkov detectors
13. *Grain Julien* (Grenoble) Some aspects of black hole evaporation beyond general relativity
14. *Sharakin Sergei* (Moscow) Space fluorescence detectors TUS/KLYPVE for study of cosmic rays in the GZK cut-off energy region

Poster Session 3: Lattice calculations & computational quantum field theory

1. *Markum Harald* Sonification of Quark and Baryon Spectra
(Vienna University of
Technology)

Poster Session 4: Heavy ion collisions & quark matter

1. *Taranenko Arkadij* Scaling properties of Elliptic Flow at RHIC
(State University of New- energies
York at Stony Brook)

Poster Session 5: QCD hard interactions

1. *Bozzi Giuseppe* Transverse-Momentum resummation for slepton-par production at the LHC

Poster Session 6: QCD soft interactions

1. *I. Cherednikov*
(JINR)
2. *E. Kokoulina*
(JINR)
3. *A. Mochalov*
(JINR)
4. *O. Selugin*
(JINR)
5. *I. Solovtsov*
(JINR)
6. *M. Tokarev*
(JINR)
7. *Yu.N. Uzikov*
(JINR)

Scaling behaviour of the reactions
 $Dd \rightarrow p^3H$ and $pd \rightarrow pd$ at large p_T

Poster Session 8: CP violation, rare decays, CKM

1. *Whiteson Daniel* Precision Measurements of the Mass of the Top
(University of Quark at CDF
Pennsylvania)
2. *Ristori Luciano* Measurement of the B_s - B_s bar Oscillation
(INFN Pisa) Frequency at CDF
3. *J.J. van Hunen* The B_s mixing phase at LHCb
(EPFL, Lausanne)
4. *K. Toms* ATLAS preparations for precise measurements
(MSU, Moscow) of semi-muonic rare B decays

Poster Session 9: Hadron spectroscopy & exotics

1. *Kurshetsov* Search for exotic baryons at SPHINX facility
2. *Timmermans* Search for Pentaquarks in the Hadronic Decays of the Z Boson with the DELPHI Detector at LEP
3. *Barabanov* Searches for radial excited states of charmonia in experiments using cooled antiproton beams
4. *Valcarce* Open-charm meson spectroscopy
5. *Buisseret* Retardation effects in the rotating string model
6. *Ozpineci* Radiative Decays of $D_{sJ}(2317)$ and $D_{sJ}(2460)$
7. *Piccinini* Hidden charm mesons as four quark states

Poster Session 10: Heavy Quark Physics

1. *Andreev Valery*
(INR) Prospects for B physics measurements using the CMS detector
2. *Bogatyrev Andrey*
(ITEP/DESY) Heavy flavour production at HERA-B
3. *Vasiliev Alexander*
(IHEP) SPin ASymmetries in CHARMonium production at the 70-GeV Protvino accelerator
4. *Jugeau Frederic*
(Valencia) Subleading form factors in the Heavy Quark Effective Theory

Poster Session 11: Beyond the Standard Model

1. *Zayakin Andrey*
(Moscow State University /
Institute of Theoretical and
Experimental Physics) Large Monopole Decay in a Variable
External Field
2. *Mihaila Luminita*
(TTP-University of
Karlsruhe) Two-Loop matching coefficients for the
strong coupling in the MSSM
3. *Hidaka Keisho*
(Tokyo Gakugei University) Test of lepton flavour violation at LHC
4. *Maity Manas*
(Visva-Bharati University) Search for top squarks at the Tevatron
using baryon number violating decays
5. *Chen Chuan-Hung*
(National Cheng Kung
University) Lepton flavor violation in tau decays
6. *Das Chitta Ranjan*
(The Institute of
Mathematical Sciences) Are Preons Dyons? Naturalness of Three
Generations
7. *Sekmen Sezen*
Zeyrek Mehmet
(Middle East Technical
University) SUSY Dark Matter at Linear Collider

Poster Session 12: GRID distributed analysis in high energy physics

1. *Timmermans Jan* Digital Curation Experience: preserving the information of the DELPHI experiment
2. *Wood Darien* GRID Computing for D0
3. *Erdmann Martin* PAX: Physics Analysis Design and Application on the GRID
4. *Vagnoni Vincenzo* Parallel file system approach for the GRID computing challenge of LHC in the disk storage sector

Poster Session 13: R & D for future accelerators, detectors & new facilities

1. *Monica Vazquez Acosta* (CERN) High Level Trigger Selection in the CMS experiment
2. *Allport Phil* R&D for a Helical Undulator Based Positron Source for the International Linear Collider
3. *Belotelov Ivan* (JINR) Muon Detection, Reconstruction and Identification in CMS
4. *Böser Sebastian* (Germany) Towards Acoustic Detection of EeV Neutrinos at South Pole
5. *Buttar Craig* (ATLAS) Integration and Test of the ATLAS Semiconductor Tracker
6. *Daum Manfred* (Germany) The Ultracold Neutron Source at PSI
7. *Gan K.K.* (USA) Bandwidth of Micro-Twisted Cables and Spliced SIMM/GRIN Fibers and Radiation Hardness of PIN/VCSEL Arrays
8. *Grachov Oleg* (USA) Zero Degree Calorimeter of CMS experiment
9. *Harnew Neville* (UK) The LHCb Pixel Hybrid Photon Detectors
10. *Hauschild Michael* (CERN) Pixel TPC Readout using MEDIPIX2/TIMEPIX CMOS chip for the Linear Collider Experiment
11. *Juozas Vaitkus* GaN as a new material for radiation hard ionizing radiation detectors
12. *Kaminskiy Alexander* (Italy) Test and performances of CMS strip tracker substructures
13. *Khubua Jemal* (JINR) Construction and performance of the ATLAS TILE Calorimeter
14. *Kotchetkov Dmitri* Monitored Drift Tube end-cap muon

- spectrometer for the ATLAS detector
15. *Kononov Sergey* Development of Focusing Aerogel RICH
 16. *Koultchitski Iouri*
(JINR) Calorimetry of the experiment ATLAS at LHC
 17. *Krizan Peter*
(Slovenian) A multiple radiator proximity focusing RICH counter for the Belle upgrade
 18. *Kuspil Vasil* Heavy Flavor Tracker for STAR experiment at RHIC
 19. *Laforge Bertrand*
(France) The ATLAS Liquid Argon Calorimeter: Construction, Integration, Commissioning
 20. *Levchenko Boris* On Field Emission in HEP Colliders Initiated by a Relativistic Positively Charged Bunch of Particles
 21. *Long Kenneth*
(United Kingdom) The design of the ionization cooling channel for the international Muon Ionization Cooling Experiment
 22. *Long Kenneth*
(United Kingdom) Precision measurement of emittance in the international Muon Ionization Cooling Experiment
 23. *Long Kenneth*
(United Kingdom) MICE: the international Muon Ionization Cooling Experiment
 24. *Long Kenneth*
(United Kingdom) The international scoping study of a Neutrino Factory and super-beam facility
 25. *Lorenzo Augustino*
(CERN) In situ calibration of the CMS electromagnetic calorimeter
 26. *Lund-Jensen Bengt*
(ATLAS) Recent Results of the Liquid Argon Calorimeter Performance in the ATLAS
 27. *Lund-Jensen Bengt*
(ATLAS) The ATLAS Liquid Argon Calorimeter: Construction, Integration, Commissioning
 28. *Maleev Victor* The Transition Radiation Tracker for the ATLAS experiment at the LHC
 29. *Paul R. Newman* Facility for Electron-Nucleon Deep Inelastic Scattering at the LHC
 30. *Nikolaev Ivan B.* Resonance depolarization and Compton-Backscattering technique for beam energy

- measurement of VEPP-4M collider
31. *Nomerotski Andrei*
(LCFI) Pixel Detectors based on CCDs
 32. *Onoprienko Dmitry* The SiD Detector Concept for the International Linear Collider
 33. *Petrushanko Sergey*
(SINP MSU) CMS Hadron Calorimetry, Calibration, and Jets/Missing Transverse
 34. *Pooth Oliver*
(Germany) The CMS Silicon Tracker
 35. *Popov Alexandr*
(BINP) Drift Chamber for CMD3 detector
 36. *Postoev Vladimir* Vacuum phototriods for the CMS ECAL Endcap crystal calorimeter
 37. *Pranko Sasha* Status and Performance of the CDF II Silicon Detector
 38. *Saveliev Valeri*
(Obninsk State University) Silicon Photomultiplier - Novel Photodetector for HEP
 39. *Schilling Frank-Peter*
(CERN) Track Reconstruction and Alignment with the CMS Silicon Tracker
 40. *Surrow Bernd*
(United States) eRHIC - A precision electron-proton/ion collider facility at Brookhaven National Laboratory
 41. *Surrow Bernd*
(United States) Development of tracking detectors using industrially produced GEM
 42. *Schoening Andre*
(Switzerland) A Linear Collider Facility with High Intensity e^+e^- beams
 43. *Troncon Clara*
(ATLAS) The ATLAS Pixel Detector
 44. *Vinogradov Vladimir*
(JINR) Hadronic Tile Calorimeter Calibration in the ATLAS experiment at the LHC
 45. *Wang Yifang*
(China) Construction of the BESIII Experiment

46. *Wood Darien,*
Zieminski Andrzej
(USA) Development of the replacement Analog Front End boards with timing (AFEII-t) for the fiber tracker detectors at D0.
47. *Wood Darien,*
Zieminski Andrzej
(USA) Upgrades to D0 for Triggering at High Luminosity
48. *Wood Darien,*
Zieminski Andrzej
(USA) Design and Performance of the Layer 0 Detector for D0
49. *Yashchenko Sergey*
(Germany) The HERMES Recoil Detector