Conference Schedule

2011.8.10
9:00-21:00  Registration (Lobby of the Pullman Hotel)

**In the following days, Aug 11-18, all of the invited review talks, highlight talks and rapporteur talks will be given at Pullman Hotel. As to the parallel sessions for oral presentations, HE & OG will take place at Pullman Hotel, While SH will take place in China Railway Construction Plaza.

2011.8.11
9:30-10:30 Opening Ceremony (Opening remark, Prizes and Awards)
10:30-11:00 tea break
11:00-12:30 Two invited review talks
11:00-11:45 Results from the experiments at the LHC
       Guido Tonelli
11:45-12:30 New results from AMS02
       Andrei Kounine
12:30-14:00 lunch
14:00-15:00 poster and discussion
15:00-17:00 Parallel session (ten oral talks in each session)
17:00-17:30 tea break
17:30-19:30 Parallel session (ten oral talks in each session)
20:00      Reception (MeiZhou restaurant)

2011.8.12
09:00-10:45 One invited review talk + two highlight talks
09:00-09:45 Probing cosmic ray accelerators with gamma rays and neutrinos
       Felix Aharonian
09:45-10:15 Fermi-LAT experiment
       Peter Michelson
10:15-10:45 Fermi-GBM experiment
       Valerie Connaughton
10:45-11:15 tea break
11:15-12:30 One invited review talk + one highlight talks
11:15-12:00 Cosmic rays and space missions
       Wolfgang Droeg
12:00-12:30 The Sun and Solar Energy Particles in 3 Dimensions: Highlights from the STEREO Mission
       Mark Wiedenbeck
12:30-14:00 lunch
14:00-15:00 poster and discussion
15:00-16:36 Parallel session (eight oral talks each session)
16:36-17:06 tea break
17:06-18:30 Parallel session (seven oral talks each session)

2011.8.13
09:00-10:45 One invited review talk + two highlight talks
09:00-09:45 Astro-Particle physics at the highest energies
  Angela Olinto
09:45-10:15 Recent results from the Pierre Auger Observatory
  Karl-Heinz Kampert
10:15-10:45 Highlights from Telescope Array
  Yoshiki Tsunesada
10:45-11:15 tea break
11:15-12:45 Three highlight talks
11:15-11:45 ICECUBE experiment
  Hermann Kolanoski
11:45-12:15 ARGO/Yangbajing experiment
  Benedetto D'Ettorre Piazzoli
12:15-12:45 Tibet/ASGamma experiment
  Jing Huang
12:45--14:00 lunch
14:00-15:00 poster and discussion
15:00-17:00 Parallel session (ten oral talks)
17:00-17:30 tea break
17:30-19:06 Parallel session (8 oral talks)

2011.8.14 (Sunday) excursion

2011.8.15
09:00-10:36 Parallel session (eight oral talks)
10:36-11:06 tea break
11:06-12:30 Parallel session (seven oral talks)
12:30-14:00 lunch
14:00-15:00 poster and discussion
15:00-17:00 Parallel session (ten oral talks)
17:00-17:30 tea break
17:30-19:06 Parallel session (eight oral talks)
20:30- HESS public lecture (AMS at International Space Station, in language of
  Chinese. Date is not finally decided, final decision depends on the
  availability of Prof. Ting)

2011.8.16
09:00-10:45 One invited review talk + three highlight talks
09:00-09:45 Cosmic Rays in the Heliosheath
   Alan Cummings
09:45-10:15 Particle acceleration and transport in the inner Heliosphere
   Li Gang
10:15-10:45 Long term Solar/heliospheric variability
   Ilya Usoskin

10:45-11:15 tea break
11:15-12:45 Three highlight talks from IACT
11:15-11:45 VERITAS: Status and Highlights
   Jamie Holder
11:45-12:15 Highlights of the MAGIC telescopes
   Juan Cortina
12:15-12:45 H.E.S.S. highlights
   Emma, de Ona Wilhelmi

12:45-14:00 lunch
14:00-15:00 poster and discussion
15:00-17:00 Parallel session (10 oral talks)
17:00-17:30 tea break
17:30-19:30 Parallel session (10 oral talks)
20:30 (A special session in memory of Prof. Domenico Pacini)
  1 - 'The discovery of CR: precursors and understanding',
     given by Per Carlson, KTH, Stockholm, Sweden;
  2 - 'The contribution of Domenico Pacini',
     given by Alessandro De Angelis, University and INFN, Udine, Italy;
  3 - 'The dawn of CR Physics',
     given by Alan Watson, Leeds University, UK.

2011.8.17
09:00-10:15 One invited review talk + one highlight talks
09:00-09:45 Darkness Visible
   Subir Sarkar
09:45-10:15 Five years of PAMELA in orbit
   Piergiorgio Picozza
10:15-10:45 tea break
10:45-12:15 Three highlight talks
10:45-11:15 Results from BESS Experiment
   Akira Yamamoto
11:15-11:45 CREAM experiment
   Eun-Suk Seo
11:45-12:15 ANITA experiment
Peter Gorham
12:15-13:30 lunch
13:30-15:06 Parallel session
15:06-15:36 tea break
15:36-17:00 Parallel session
17:00-18:00 poster and discussion
19:30 Banquet

2011.8.18
08:30-10:30 Two rapporteur talks
08:30-09:30 Gamma ray astronomy
   Stefan Funk
09:30-10:30 Direct measurements, sources, acceleration and propagation of cosmic rays
   Scott Wakely
10:30-11:00 tea break
11:00-13:00 Two rapporteur talks
11:00-12:00 Sun, Corona and Transient Phenomena in the Heliosphere
   Rami Vainio
12:00-13:00 Galactic and anomalous cosmic rays in the Heliosphere
   J.R. Jokipii
13:00-14:30 lunch
14:30-16:30 Two rapporteur talks
14:30-15:30 EAS studies of cosmic rays with energy below $10^{16}$ eV
   Sunil Gupta
15:30-16:30 EAS studies of cosmic rays with energy above $10^{16}$ eV
   Michael Unger
16:30-17:00 tea break
17:00-18:00 One rapporteur talks
17:00-18:00 Hadron interactions, cosmic ray particle and neutrino physics
   Joerg Hoerandel
18:00 Closing ceremony
# Parallel Sessions for Oral Presentations

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**N.B.**

**SH Oral Presentations** will take place in China Railway Construction Plaza.

**HE & OG Oral Presentations** will take place at Pullman Hotel.
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1159 Precise measurement of the absolute yield of fluorescence photons in atmospheric gases
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Testing the Origin of High-Energy Galactic Cosmic Rays
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New developments in the ancient Pulsar Wind Nebulae scenario
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Cosmic-ray helium hardening
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Unresolved point sources and anisotropies in the Diffuse Gamma-ray Background
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Spectral Analysis of Diffuse Emission in Cygnus Region
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Particle acceleration and the origin of gamma-ray emission from Fermi Bubbles
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The Fermi Large Area Telescope unveils a cocoon of freshly-accelerated cosmic rays in the Cygnus X region
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Fermi Bubbles: A 10 Kpc Shock From The Galactic Center?
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1143 The UFFO (Ultra Fast Flash Observatory) Pathfinder: Science and Mission
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1147 High energy antineutrinos in Gamma ray bursts
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1244 The Large Aperture GRB Observatory (LAGO)
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Time: 17:00-17:30, Tea Break
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302 Hybrid model of solar energetic particle acceleration and transport
Kocharov Leon

304 Perpendicular diffusion of solar energetic particles from solar flares or coronal mass ejection shocks
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441 The Solar Flare Manifestations Related to the GLE Onset
Yushkov Boris

603 Multi-spacecraft observations of solar energetic electron events during the rising phase of solar cycle 24
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1232 Heavy Ion Acceleration and Self-Generated Waves in Coronal Shocks
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Aug.12 afternoon: 15:00-16:36 + 17:06-18:30

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306 Observation of anisotropies in the arrival direction distribution of cosmic rays above TeV energies in IceCube
Benzi Segev

400 WILLI-EAS, a detector for observing cosmic muons
Brancus Iliana

510 Cosmic muon signal and its seasonal modulation at Gran Sasso with the Borexino detector
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749 Measurement of the Atmospheric Muons Charge Ratio Using Cosmic Ray Telescope
Abdollahi Soheila

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**Time: 17:06-18:30, Oral Talks**

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*Ha, Chang Hyon*

**353** Neutron tagging and its application to physics in Super-Kamiokande IV  
*Zhang Haibing*

**819** On neutrino oscillations searches with ANTARES  
*Guillard Goulven*

**1340** The ICARUS Experiment at GranSasso Underground Laboratory  
*Cocco Alfredo Giuseppe*

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**1117** Searching for cavities in the Teotihuacan Pyramid of the Sun using cosmic muons  
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964 Current status of the LHC forward (LHCf) experiment
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1000 Inclusive photon energy spectra at zero degree of the LHC 7 TeV proton-proton
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1094 Results from Hadroproduction in $p+C$ Collisions at the CERN SPS for Understanding
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1024 Search for Dark Matter in nearby Dwarf Spheroidal Galaxies with IceCube
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1036 H.E.S.S. constraints on Dark Matter annihilations towards the Sculptor and Carina
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1078 Re-observation of the Sagittarius dwarf galaxy with H.E.S.S.
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1121 H.E.S.S. observations of the globular clusters NGC 6388 and M 15 and search for a
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1122 Observation of GRBs at tens of GeV with a full-coverage air shower array at 6000m
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1187 Search for Dark Matter in the Milky Way with IceCube
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Search for cosmic-ray antideuterons with BESS-Polar
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Searches for dark matter subhaloes with wide-field Cherenkov telescope surveys
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A Search for 5000-6000M Sites in Tibet to Observe the High Energy Cosmological Gamma Rays
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1139 A newly discovered VHE gamma-ray PWN candidate around PSR J1459-60
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1193 VERITAS observations in the vicinity of the Cygnus OB1 region & latest PWN results
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1208 TeV sources analysis with AGILE
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1225 Discovery of VHE Emission Near PSR J1831-0952 with HESS A new gamma-ray discovered Pulsar Wind Nebula?
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1272 Detection of GeV and TeV gamma-rays from the direction of SNR G318.2+0.1
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700 A Water Cherenkov Detector prototype for the HAWC Gamma-Ray Observatory
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1352 Characteristics and performance of GAW, Gamma Air Watch -- a path-finder of a new
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876 The USINE cosmic-ray propagation code and recent results
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1108 On the Galactic Center Being the Main Source of Galactic Cosmic Rays as Evidenced by Recent Cosmic Ray and Gamma Ray Observations
Guo Yiqing
1206 Study on the Contribution of Galactic Cosmic Rays to the Galactic Halo Magnetic Field
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Current outlook for scientific research with super pressure balloons
Jones, W. Vernon

Atmospheric Monitoring System of JEM-EUSO
Neronov Andrii

The TIBET AS+MD Project; progress report 2011
Takita Masato

High Energy Electron and Gamma-ray Observation by Chinese TANSUO Mission
Chang Jin

Study of high energy cosmic rays by different components of back scattered radiation generated in the lunar regolith
Turundaevskiy Andrey

Overview of the CALET Mission to the ISS
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The science objectives for CALET
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Qualification Tests of POLAR with Synchrotron Radiation
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Study of the large Tyvek bag technique for the water Cherenkov detector in TIBET AS+MD
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Cosmic ray and geomagnetic response to radio-loud coronal mass ejections (CMEs)
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Features of cosmic ray neutron monitor intensity in relation to CMEs and IMF
Mishra, Rajesh Kumar

Fundamental Processes of Radio Emissions from CME shocks
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Long-lived solar gamma-ray emission during 2011 March 7 to 8 detected by the Fermi-LAT
Tanaka Yasuyuki

An Investigation of Cosmic Ray Intensity Variation During Highly Disturbed Geomagnetic Conditions for Solar Cycle 23
Kaushik, Subhash Chandra

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16 HE1.1 1028 IACOVACCI, Michele; MASTROIANNI, Stefano Stability and calibration of the analog RPC readout in ARGO-YBJ
17 HE1.1 1113 Dr. PAGLIARO, Antonio; Prof. D'AL?STAITI, Giacomo; Mr. D'ANNA, Fabio A MULTISCALE, LACUNARITY AND NEURAL NETWORK METHOD FOR GAMMA/H DISCRIMINATION IN EXTENSIVE AIR SHOWERS
18 HE1.4 210 Dr. CAMARRI, Paolo Stabilization of the operating point of the ARGO-YBJ Resistive Plate Chambers
19 HE1.4 221 BITELLI, Federico; BUDANO, Antonio; MARI, Stefano M. The TIER-2 site for the ARGO-YBJ experiment
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