Session Program

July 29, 2015 to August 6, 2015

ICRC

The Astroparticle Physics Conference

34th International Cosmic Ray Conference
July 30 - August 6, 2015
The Hague, The Netherlands

ICRC2015

Poster 3 CR

World Forum
Churchillplein 10 2517 JW Den Haag The Netherlands

Tue, August 4

4:00 PM

Poster 3 CR

Poster Session | **Location:** World Forum, Amazon Foyer, Churchillplein 10 2517 JW Den Haag The Netherlands

Implementation in OFFline of the reconstruction code of the Infrared Camera of the JEM-EUSO Space Mission.

Speaker
Maria Rodriguez Frias

Analysis of Background Cosmic Ray Rate in the 2010-2012 Period from the LAGO-Chacaltaya Detectors

Speaker
Mr Christian Sarmiento-Cano

Night time measurement of the UV background by EUSO-Balloon

Speaker
Simon Mackovjak

UHECR acceleration at GRB internal shocks

Speaker
Noemie Globus

The JEM-EUSO global light system laser station prototype

Speaker
Patrick Hunt

Ground Calibration of MAPMT and SiPM for JEM-EUSO

Speaker
Michael Karus

Vela-X as main contributor to the electron and positron spectra at energy above 100 GeV

Speaker
Davide Rozza

Pattern recognition study for different levels of UV background in JEM-EUSO experiment

Speaker
Blahoslav Pastirčák

Photoelectron counting rate measurements in the UV camera during the EUSO-BALLOON night flight

Speaker
Julio Arturo Rabanal Reina

Expected acceptance of the KLYPVE/K-EUSO space-based mission for the observation of ultra-high energy cosmic rays

Speakers
Dr Francesco Fenu, Naoto Sakaki, Dr Yoshiyuki Takizawa

Magnetic field amplification by high Alfven Mach number shocks in partially ionized plasmas

Speaker
Yutaka Ohira

EUSO-Balloon mission to record extensive air showers from near space

Speaker
Lawrence Wiencke

On galaxies as accelerators of cosmic rays

Speaker
Renat Sibatov

JEM-EUSO observational capabilities for different UHE primaries.

Speaker
Mr Alejandro Guzman

Intensity of Microwave Signals Expected from Molecular Bremsstrahlung Radiation in Extensive Air Showers

Speakers
Imen Al Samarai, Olivier Deligny

Constant Intensity Method in IceTop

Speaker
Mr Ramesh Koirala

Analysis of EUSO-Balloon data with Offline

Speaker
Beatrice Panico

Uncertainties on propagation parameters: impact on the interpretation of the positron fraction

Speaker
yoann genolini

Cosmic Ray Acceleration at Supernovae Occurring in Structured Environments

Speaker
Dr Gwenael Giacinti

The Spanish Infrared Camera onboard the EUSO-Balloon (CNES) flight on August 24, 2014.

Speaker
Maria Rodriguez Frias

Tests of JEM--EUSO 1st level trigger using EUSO--Balloon data

Speaker
Dr Francesco Fenu

The Expected Angular Resolution Performance of the Tilted JEM-EUSO Instrument

Speaker
Dr Thomas Mernik

Effect of the regular galactic magnetic field on the propagation of galactic cosmic rays in the Galaxy

Speaker
Dr Shoko Miyake

Probing Efficient Cosmic-Ray Acceleration in Young Supernovae

Speaker
Alexandre Marcowith

Cosmic rays: extragalactic and Galactic

Speaker
Prof. Istomin Yakov

The Calibration of EUSO Balloon using airborne light sources mounted to a Helicopter

Speaker
Dr James Adams

A production scenario of Galactic strangelets and an estimation of their possible flux in solar neighborhood

Speaker
Mr Sayan Biswas

Absolute calibration of the photon detector module of the EUSO-Balloon experiment and immprovements for future missions

Speaker
Mr Camille Moretto

On the Combined Analysis of Muon Shower Size and Depth of Shower Maximum

Speaker
Jakub Vicha

Simulation study on the detection of high energy electrons and gamma rays with the newly upgraded Tibet ASgamma experiment

Speakers
Prof. Ding Chen, Prof. Jing Huang, Prof. M. Shibata, Dr Xu Chen

Constraints on the extragalactic magnetic fields from the NVSS Faraday rotation measures

Speaker
Maxim Pshirkov

Weibel instability in anisotropically inhomogeneous plasmas

Speaker
Sara Tomita

Consistent description of leptonic and hadroninc spectra in cosmic rays

Speaker
Nicola Tomassetti

Performance of the Spanish Infrared Camera onboard the EUSO-BALLOON (CNES) flight on August 24, 2014.

Speakers
Jose Luis Sánchez, Maria Rodriguez Frias

A new design for simulation and reconstruction software for the JEM-EUSO mission

Speaker
Thomas Paul

Cosmic ray PeVatrons: where are they?

Speaker
Vladimir Zirakashvili

Shower reconstruction performance of the new Tibet hybrid experiment consisting of YAC-II, Tibet-III and MD arrays

Speakers
Prof. Ding Chen, Prof. Jing Huang, Dr L.M. Zhai, Prof. M. Shibata, Dr Y. Katayose

Determination of the sensitivity and the detection performances of the UV camera pixels of the EUSO-BALLOON instrument

Speaker
Sylvie Dagoret-Campagne

Adventures in Inflation And Cosmic Microwave Background - The future of the cosmos.

Speaker
Rashmi Johnson

The Angular Resolution of the JEM-EUSO Mission: an updated view

Speaker
Dr Thomas Mernik

Reacceleration of electrons in supernova remnants

Speaker
Prof. Martin Pohl

Study of Water Cherenkov muon detector parameters and performances for LHAASO

Speaker
Huihai He

EUSO-TA, a ground precursor to JEM-EUSO telescope at the Telescope Array site

Speaker
Marco Ricci

Constraints on acceleration of ultra high-energy cosmic rays in Fermi gamma-ray sources

Speaker
Ms Mika Kagaya

Search for significant background fluctuations in the EUSO-Balloon data

Speaker
Ms Aera JUNG

CLOUD TOP HEIGHT ESTIMATION FROM WRF MODEL: APPLICATION TO THE INFRARED CAMERA ONBOARD EUSO-BALLOON (CNES)

Speakers
Jose Luis Sánchez, Maria Rodriguez Frias

Determination of source spectra of ultrahigh energy cosmic rays

Speaker
Svetlana Rogovaia

EAS spectrum in thermal neutrons measured with PRISMA-32

Speaker
Anatoly Petrukhin

EUSO-Balloon trigger efficiency in preparation of a long duration flight

Speaker
Simon Bacholle

Measurement of the cosmic-ray nuclear composition using cherenkov detectors at Mount Chacaltaya

Speaker
ryoichi katsuya

Spectral Intensities of Antiprotons and the Lifetime of Cosmic Rays in the Galaxy

Speaker
Prof. Ramanath Cowsik

Mini-EUSO: a pathfinder for JEM-EUSO to measure Earth’s UV background from the ISS.

Speaker
Dr Marco Ricci

The Simulation of cosmic rays in EUSO--Balloon: performances of the direction and energy reconstruction

Speaker
Dr Francesco Fenu

PCR energy spectrum and composition above the knee: new approach to experimental data interpretation

Speaker
Prof. Anatoly Petrukhin

The Data Processor System of EUSO Balloon: in flight performance.

Speakers
Dr Giuseppe Osteria, Dr Valentina Scotti

Cloud Optical Depth obtained from the Infrared Camera data and the UV Flashers mounted on a helicopter flying under the EUSO-Balloon (CNES)

Speakers
Jose Luis Sánchez, Maria Rodriguez Frias

ELECTRON HEATING IN A RELATIVISTIC, WEIBEL-UNSTABLE PLASMA

Speaker
Rahul Kumar

On the primary model to explain the relation between a rigidity-dependent spectral hardening of proton and helium spectra and a sharp knee of the all-particle spectrum.

Speakers
Prof. Jing Huang, Dr Ying Zhang

EUSO-Balloon: Observation and Measurement of Tracks from a Laser in a Helicopter

Speaker
Johannes Eser

An Additional Component Blurring the Transition between Galactic and Extragalactic Cosmic Rays?

Speaker
Olivier Deligny

Monte Carlo simulations of proton acceleration in colliding wind binaries

Speaker
Emanuele Grimaldo

Constraints of the entropic index of Tsallis statistics in the context of hadronic collisions at ultra high energies using measures of the depth of maximum of air showers

Speaker
Dr Rogerio M. de Almeida

Cloud Monitoring using Nitrogen Laser for LHAASO Experiment

Speakers
Fengrong Zhu, Shoushan Zhang, Yong Zhang, Zhandong Sun, Zhen Cao

The Weather Research and Forecasting (WRF) model contribution to the atmospheric conditions estimation during the EUSO-Balloon experiment

Speaker
Mario Bertaina

YAC sensitivity for measuring the light-component spectrum of primary cosmic rays at the ``knee" energies

Speakers
Prof. Ding Chen, Prof. Jing Huang, Dr L.M. Zhai, Prof. M. Shibata, Dr Y. Katayose

A CORSIKA study on the influence of muon detector thresholds on the separability of primary cosmic rays at highest energies

Speaker
Sarah Mueller

The EUSO@TurLab project'

Speaker
Prof. Rossella Caruso

Performance of the EUSO-BALLOON optics

Speaker
Mr camille catalano

On the gravitational quantum states of helium atoms in the gravitational field of a cold neutron star

Speaker
Prof. OLEG DALKAROV

The dominance of secondary nuclei in the cosmic radiation and the modulation of the nuclear species at the injection of the galactic accelerator

Speaker
Antonio Codino

Are inclined air showers from cosmic rays the most suitable to radio detection?

Speaker
Mr Mohammad Sabouhi

The new horizon disclosed by the measurements of the chemical composition of the cosmic radiation above the ankle energy

Speaker
Antonio Codino

Equations of anomalous diffusion of cosmic rays

Speaker
Prof. Mamadsho Ilolov

A new method to determine air shower propagation direction based on radio signal patterns

Speaker
Mr Mohammad Sabouhi

The Ankle, the Knee and the Principle of Constant Spectral Indices in Cosmic Ray Physics

Speaker
Prof. Antonio Codino

Towards a SiPM based fluorescence camera for JEM-EUSO

Speaker
Andreas Haungs

The JEM-EUSO energy and X_{max} reconstruction performances

Speaker
Dr Francesco Fenu

Phenomenological description of young massive star clusters

Speaker
Dr Giovanni Lamanna

Spatial Evolution of Nonresonant Instabilities in the Precursors of Young Supernova Remnant Shocks

Speaker
Prof. Jacek Niemiec

Do Ultrahigh Energy Cosmic Rays Originate in our Galaxy?

Speaker
Prof. David Eichler

Study of short-time X-ray variability of knots of Centaurus A jet

Speaker
Artem Bohdan

The Atmospheric Science of JEM-EUSO

Speakers
Andrii Neronov, Maria Rodriguez Frias

Calibration of the TA-EUSO Prototype Instrument

Speaker
Dr James Adams

Transient luminous events registered with a ground pinhole

Speaker
Epifanio Ponce

A Cockcroft-Walton High-Voltage Power Supply for the EUSO Instruments

Speaker
Simon Bacholle

Transport of magnetic turbulence in supernova remnants

Speaker
Robert Brose

Evaluation of scientific performance of JEM-EUSO mission with Space-X Dragon option

Speaker
Dr Kenji Shinozaki

Fragmentation cross-sections and model uncertainties in propagation of Galactic cosmic rays

Speaker
Nicola Tomassetti

Inhomogeneus diffusion model for recent data on high-energy cosmic rays

Speaker
Nicola Tomassetti

Preliminary results from the first EUSO-Balloon flight

Speaker
Mario Bertaina

Hadronic interactions of primary cosmic rays with the FLUKA code

Speaker
Mario Nicola Mazziotta

Studies on Time Profiles of EAS Particles Observed with the Telescope Array Surface Detectors

Speaker
Prof. INOUE Naoya

K-EUSO: An improved optical system for KLYPVE Ultra-High Energy cosmic ray space telescope

5:00 PM

Speaker
Dr Kajino Fumiyoshi