

## **Session Program**

**29 July 2015 to 6 August 2015**



# **ICRC**

**The Astroparticle Physics Conference**

34<sup>th</sup> International Cosmic Ray Conference

July 30 - August 6, 2015

The Hague, The Netherlands

## **ICRC2015**

### ***Poster 3 GA***

World Forum  
Churchillplein 10 2517 JW Den Haag The Netherlands

# Tuesday 4 August

16:00

## Poster 3 GA

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

### Symmetric variability of gamma-ray emitting blazars

**Speaker**

Prof. Yoshida Kenji

### Limits on the isotropic diffuse gamma-rays at ultra high energies measured with KASCADE

**Speakers**

Andreas Haungs, Donghwa Kang, Zhaoyang Feng

### Gamma-ray halo around the M31 galaxy as seen by the Fermi LAT

**Speaker**

Maxim Pshirkov

### Observational Characteristics of the Final Stages of Evaporating Primordial Black Holes

**Speaker**

JANE MACGIBBON

### Prospects for Measuring the Isotropic Diffuse Gamma-Ray Emission in HAWC above 1 TeV

**Speaker**

John Pretz

### Improving H.E.S.S. cosmic-ray background rejection by means of a new Gamma-Ray Air Shower Parametrisation (GRASP)

**Speaker**

Dr Francois Brun

### The X-Ray Counterpart of the Gamma-Ray Sky

**Speakers**

Elena Orlando, Dr Eugenio Bottacini

### Deconvolution of very high-energy-gamma-ray image with the Richardson-Lucy algorithm

**Speaker**

Ira Jung-Richardt

### Observer Access to the Cherenkov Telescope Array Gamma-Ray Observatory

**Speaker**

Christoph Deil

### Detecting extended gamma-ray emission with the next generation Cherenkov telescopes

**Speaker**

Adrian Rovero

**Enhanced HESS-II low energies performance thanks to the focus system****Speaker**

Cyril Trichard

**A Monte Carlo template-based analysis for very high definition imaging atmospheric Cherenkov telescopes as applied to the VERITAS telescope array****Speaker**

Henrike Fleischhack

**HARPO, TPC as a gamma telescope and polarimeter: First measurement in a polarised photon beam between 1.7 and 74 MeV****Speaker**

Alain Delbart

**A 3-Meter Atmospheric Cherenkov Telescope as a Test Bench for Very High Energy Gamma-Ray Astrophysics Projects****Speaker**

Dr Takanori Yoshikoshi

**HAP-Fr, a pipeline of data analysis for the HESS-II experiment****Speaker**

Bruno Khelifi

**On the Spectral Shape of Gamma-ray Pulsars Above the Break Energy****Speaker**

Mr Christopher Bochenek

**New method for Gamma/Hadron separation in HAWC using neural networks****Speakers**

Mr Ibrahim Daniel Torres Aguilar, Tomás Capistrán

**Evidence for a spectral turnover in the broadband gamma-ray emission from SNR Puppis A revealed by H.E.S.S. observations****Speaker**

Igor Oya

**Feasibility of VHE gamma ray detection by an array of Imaging Atmospheric Cherenkov Telescopes using the fluorescence technique****Speaker**

marcos López Moya

**The potential of the HAWC Observatory to observe violations of Lorentz Invariance****Speaker**

Dr Lukas Nellen

**Gammapy: An open-source Python package for gamma-ray astronomy****Speakers**

Axel Donath, Christoph Deil

**Studies towards an understanding of global array pointing for the Cherenkov Telescope Array**

**Speaker**

Alexander Ziegler

**Testing a novel self-assembling data paradigm in the context of IACT data****Speaker**

Amanda Weinstein

**Development of the photomultiplier tube readout system for the first Large-Sized Telescope of the Cherenkov Telescope Array****Speaker**

Mr Shu Masuda

**Raster Scanning the Crab Nebula to Produce an Extended VHE Calibration Source****Speaker**

Ralph Bird

**Observing the Cosmic Ray Moon Shadow with VERITAS****Speaker**

Ralph Bird

**The H.E.S.S. II GRB Observation Program****Speaker**

Dr Robert Parsons

**Sensitivity of HAWC to Primordial Black Hole Bursts****Speaker**

JANE MACGIBBON

**The H.E.S.S. Galactic plane survey poster****Speakers**

Axel Donath, Christoph Deil

**High-energy follow-up studies of gravitational wave transient events****Speaker**

Barbara Patricelli

**Imaging Camera and Hardware of TAIGA-IACT Project****Speaker**

Igor Yashin

**The Multi-Mission Maximum Likelihood framework****Speaker**

Robert Lauer

**The Calibration System of the HAWC Gamma-Ray Observatory****Speaker**

Francisco Salesa Greus

**Xeff analysis method optimization to enhance IACTs performances****Speaker**

Cyril Trichard

**H.E.S.S. data analysis with open source science tools**

**Speaker**

Dr Christoph Deil

**Blazars identification among the unidentified sources of the 3FGL gamma-ray catalog****Speaker**

Bruno Khelifi

**Search for Pulsed Emission in Archival VERITAS Data****Speaker**

Mr Avery Archer

**Extending Fermi LAT discoveries: Compton-Pair Production Space Telescope (ComPair) for MeV Gamma-ray Astronomy****Speaker**

Dr Alexander Moiseev

**FACT-Tools: Streamed Real-Time Data Analysis****Speaker**

Jens Buß

**Time Synchronization with White Rabbit - Experience from Tunka-HiSCORE****Speaker**

Dr Ralf Wischnewski

**Development of an optical system for the SST-1M telescope of the Cherenkov Telescope Array observatory****Speaker**

Michał Ostrowski

**Developments of a new mirror technology proposed for the Cherenkov Telescope Array****Speaker**

Michal Dyrda

**The search for short-term flares in 10 years of VHE Crab Nebula observations with the Whipple 10m Telescope****Speaker**

Anna O'Faolain de Bhroithe

**Performance of the VERITAS experiment****Speaker**

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**FlashCam: a fully-digital camera for the medium-sized telescopes of the Cherenkov Telescope Array****Speaker**

Gerd Puehlhofer

**Time-resolved multiwavelength observations of the blazar VER J0521+211 from radio to gamma-ray energies****Speaker**

Heike Prokoph

**Long term variability of the blazar PKS 2155-304****Speaker**

Ms Jill Chevalier

**Improving the Fermi LAT Source Catalog****Speaker**

Jean Ballet

**Prototyping of Hexagonal Light Concentrators for the Large-Sized Telescopes of the Cherenkov Telescope Array****Speaker**

Dr Akira Okumura

**Construction of a Medium-Sized Schwarzschild-Couder Telescope for the Cherenkov Telescope Array: Implementation of the Cherenkov-Camera Data Acquisition System****Speaker**

Dr Marcos Santander

**All-sky sensitivity of HAWC to Gamma-Ray Bursts****Speaker**

Joshua Wood

**Performance of the SST-1M telescope of the Cherenkov Telescope Array observatory****Speaker**

Alessio Porcelli

**Long-term VERITAS monitoring of LS I 61 +303 in conjunction with X-ray, and GeV observation campaigns****Speaker**

David Kieda

**The Mirror Alignment and Control System for CT5 of the H.E.S.S. experiment****Speaker**

Daniel Gottschall

**HESS J1641-463, a very hard spectrum TeV gamma-ray source in the Galactic plane****Speaker**

Igor Oya

**Development of Slow Control Boards for the Large Size Telescopes of the Cherenkov Telescope Array****Speaker**

Masahiro Teshima

**Search for gamma-ray point sources with KASCADE****Speaker**

Dr Donghwa Kang

**Statistical biases of spectral analysis with the ON-OFF likelihood statistic**

**Speaker**

Mrs Lea Jouvin

**DAQ system of Tunka -HiSCORE prototype array****Speaker**

Prof. Leonid Kuzmichev

**A method to filter out high rate noises in air shower reconstruction for the LHAASO-WCDA project****Speaker**

Shoushan Zhang

**H.E.S.S. II Data Analysis with IMPACT****Speaker**

Dr Robert Parsons

**AP Librae: The extended jet as the source of VHE emission?****Speaker**

Michael Zacharias

**A Medium Sized Schwarzschild-Couder Cherenkov Telescope Design Proposed for the Cherenkov Telescope Array****Speaker**

Prof. T.Brian Humensky

**Construction of a medium-sized Schwarzschild-Couder telescope as a candidate for the Cherenkov Telescope Array: development of the optical alignment system****Speaker**

Daniel Nieto Castano

**Development of a balloon-style pressure vessel for GRAINE balloon-borne experiment in 2015****Speaker**

Hiroki ROKUJO

**Searching for Very High Energy Emission from Pulsars Using the High Altitude Water Cherenkov (HAWC) Observatory****Speaker**

Dr César Alvarez

**Recent developments for testing of Cherenkov Telescope Array mirrors and actuators in Tuebingen****Speaker**

Sebastian Diebold

**Cosmic Ray Diffusion in the W44 Region with the MAGIC Telescopes****Speakers**

Dr Pierre Colin, Dr Roberta Zanin

**Software design for the control system for "Small-Size Telescopes with single-mirror" of the Cherenkov Telescope Array****Speaker**

Dr Alessio Porcelli