

Session Program

29 July 2015 to 6 August 2015



ICRC

The Astroparticle Physics Conference

34th International Cosmic Ray Conference

July 30 - August 6, 2015

The Hague, The Netherlands

ICRC2015

Poster 2 GA

World Forum
Churchillplein 10 2517 JW Den Haag The Netherlands

Saturday 1 August

15:30

Poster 2 GA

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

MESS: A Prototype for the Cherenkov Telescope Array Pipelines Framework

Speaker

Ramin Marx

Searches for Gamma-Ray Emission from TeV Binary Candidates with HAWC

Speaker

Segev BenZvi

Exploring the potential X-ray counterpart of the puzzling TeV gamma-ray source HESS J1507-622 with new Suzaku observations

Speaker

Peter Eger

Application of Complex Event Processing Software to Error Detection and Recovery for Arrays of Cherenkov Telescopes

Speaker

Mr Tim Holch

The On-Site Analysis of the Cherenkov Telescope Array

Speaker

Fabian Schüssler

Monte Carlo Studies of the Gamma-ray Cherenkov Telescope for the Cherenkov Telescope Array

Speaker

Mr Thomas Armstrong

A concept of long buffer readout system for large-area gamma-ray facilities

Speaker

Dr Maxim Shayduk

Long term lightcurve of the BL Lac object 1ES γ , γ 0229+200 at TeV energies

Speaker

Mr Gabriele Cologna

Analytical Real-Time Analysis sensitivity evaluation of the Cherenkov Telescope Array

Speaker

Dr Susumu Inoue

Central Acceptance Testing for Camera Technologies for the Cherenkov Telescope Array

Speaker

Dr Antonio Bonardi

Construction of a Schwarzschild-Couder telescope as a candidate for the Cherenkov Telescope Array: Implementation of the optical system**Speaker**

Mr Andriy Petrashyk

A high-level analysis framework for HAWC**Speaker**

Dr Robert Lauer

Characterization and commissioning of the SST-1M camera for the Cherenkov Telescope Array**Speaker**

Teresa Montaruli

Simulations of a Distributed Intelligent Array Trigger for the Cherenkov Telescope Array**Speaker**

Amanda Weinstein

Energy Determination and Gamma/Hadron Separation using the Lateral Distribution of EAS for the 100 TeV Gamma-Ray Astronomy**Speaker**

Kazumasa Kawata

The Instrument Response Function Format for the Cherenkov Telescope Array**Speaker**

Dr John E Ward

Silicon Photomultiplier Research and Development Studies for the Large Size Telescope of the Cherenkov Telescope Array**Speaker**

Riccardo Rando

Cherenkov Telescope Array Data Management**Speaker**

Giovanni Lamanna

FACT - First Energy Spectrum from a SiPM Cherenkov Telescope**Speaker**

Mr Fabian Temme

Modern Middleware for the Data Acquisition of the Cherenkov Telescope Array**Speaker**

Xin Wu

Study on the Sensitivity of high-energy GRB detection using the single-particle technique at an altitude 5200 m a.s.l**Speakers**

Maoyuan Liu, Prof. luobu danzeng

A concept of wide-angle Cherenkov gamma-ray instrument with minimal imaging**Speaker**

Dr Maxim Shayduk

SiPM and front-end electronics development for Cherenkov light detection**Speaker**

Dr Elisabetta Bissaldi

The very high energy characteristics of shell-type SNRs at different ages**Speaker**

Vera Georgievna Sinitsyna

Data processing activities at the MAGIC site**Speaker**

David Fidalgo

Lowering the ARGO-YBJ energy threshold to a few tens of GeV by using the double front shower events**Speaker**

Dr Xunxiu Zhou

Monte Carlo Performance Studies of Candidate Sites for the Cherenkov Telescope Array**Speaker**

Mr GERNOT Maier

Prospects On Testing Lorentz Invariance Violation With The Cherenkov Telescope Array**Speaker**

Michael Daniel

Investigating the X-ray emission from the Galactic TeV Gamma-ray Source MGRO J1908+06**Speaker**

Dr Dirk Pandel

Application of Maximum Entropy Deconvolution to γ -ray skymaps**Speaker**

Ms Susanne Raab

Significance for signal changes in γ -ray astronomy**Speaker**

Stanislav Stefanik

Prospects for Gamma Ray Bursts detection with LHAASO**Speakers**

Carlo Francesco Vigorito, Silvia Vernetto

Design of a prototype device to calibrate the Large Size Telescope camera of the Cherenkov Telescope Array**Speaker**

Dr Fulvio De Persio

Performance of the MAGIC telescopes under moonlight**Speaker**

Pierre Colin

Parallel waveform extraction algorithms for the Cherenkov Telescope Array Real-Time Analysis

Speaker
Ramin Marx

Layout design studies for medium-size telescopes within the Cherenkov Telescope Array

Speaker
Tarek Hassan

First results on the two square meters multilayer glass composite mirror design proposed for the Cherenkov Telescope Array developed at INFN

Speaker
Dr Riccardo Rando

TARGET: toward a solution for the readout electronics of the Cherenkov Telescope Array

Speaker
Luigi Tibaldo

Probing cluster environments of blazars through gamma-gamma absorption

Speaker
Iurii Sushch

The background from single pi0 events in the IACT observations

Speaker
Dorota Sobczynska

Unexpected gamma-ray signal in the vicinity of 1ES 0229+200

Speaker
Stanislav Stefanik

Long-term TeV Observations of the Gamma-ray Binary HESS J0632+057 with VERITAS

Speaker
Mr Gernot Maier

Using muon rings for the optical throughput calibration of the SST-1M prototype for the Cherenkov Telescope Array

Speaker
Dr Simona Toscano

Constraints on particle acceleration in Rosette and Orion nebulae with Fermi-LAT observations

Speaker
Dr Giovanni Lamanna

The Camera Calibration Strategy of the Cherenkov Telescope Array

Speaker
Michael Daniel

Prototype of the SST-1M Telescope Structure for the Cherenkov Telescope Array

Speaker

Jacek Niemiec

Study of hadron and gamma-ray acceptance of the MAGIC telescopes: towards an improved background estimation**Speaker**

Elisa Prandini

Redshift measurement of the BL-Lac gamma-ray blazar PKS 1424+240**Speaker**

Dr Adrian C. Rovero

Simultaneous H.E.S.S. and RXTE observations of the microquasars GRS 1915+105, Circinus X-1 and V4641 Sgr**Speaker**

Dr Fabian Schüssler

Camera calibration strategy of the SST-1M prototype of the Cherenkov Telescope Array**Speaker**

Elisa Prandini

Flasher and muon-based calibration of the GCT telescopes proposed for the Cherenkov Telescope Array**Speaker**

Dr Anthony Brown

Real-time atmospheric monitoring for the Cherenkov Telescope Array using a wide-field optical telescope**Speaker**

Jan Ebr

DigiCam - Fully Digital Compact Read-out and Trigger Electronics for the SST-1M Telescope proposed for the Cherenkov Telescope Array**Speaker**

M. Ostrowski

MAGIC discovery and observation of the candidate extreme BL Lac object RBS 0723**Speaker**

Alessandro Carosi

The very high energy source catalogue at the ASI Science Data Center**Speaker**

Alessandro Carosi

The Optical system for the Large Size Telescope of the Cherenkov Telescope Array**Speaker**

Dr Masaaki Hayashida

Observations of hard spectrum Unassociated Fermi Objects with MAGIC**Speaker**

Konstancja Satalecka

Radio observations of the evolved pulsar wind nebula HESS J1303-631 with ATCA**Speaker**

Iurii Sushch

Detector Considerations for a HAWC Southern Observatory**Speaker**

Michael DuVernois

Data model issues in the Cherenkov Telescope Array project**Speaker**

Konstancja Satalecka

A Generic Algorithm for IACT Optical Efficiency Calibration using Muons**Speaker**

Alison Mitchell

THE ARCADE RAMAN LIDAR SYSTEM FOR THE CHERENKOV TELESCOPE ARRAY**Speaker**

Dr Laura Valore

Upgrade paths for the HAWC gamma-ray observatory**Speaker**

Prof. ANDRES SANDOVAL

Expectation on Observation of Gamma-ray Astronomy with the LHAASO Project**Speaker**

Prof. Shuwang Cui

Calibration of the Cherenkov Telescope Array**Speaker**

Michael Daniel

Prospects for Gamma-Ray Bursts detection by the Cherenkov Telescope Array**Speaker**

Elisabetta Bissaldi

FACT - Calibration of Imaging Atmospheric Cerenkov Telescopes with Muon Rings**Speaker**

Fabian Temme

Simulation of electron trajectories in nuclear emulsion and its application**Speaker**

Atsushi Iyono

Cooling Tests of the NectarCAM camera for the Cherenkov Telescope Array**Speaker**

Emmanuel Moulin

INFN Camera demonstrator for the Cherenkov Telescope Array**Speaker**

Carlo Francesco Vigorito

Performance of Silicon Photomultipliers for the Dual-Mirror Medium-Sized Telescopes of the Cherenkov Telescope Array

Speaker

Jonathan Biteau

Very high energy gamma-ray follow-up observations of novae and dwarf novae with the MAGIC telescopes

Speaker

Ruben Lopez-Coto

Role of the disk environment in the gamma-ray emission from the binary system PSR B1259-63/LS 2883

Speaker

Iurii Sushch

Gamma Hadron Separation using Pairwise Compactness Method with HAWC

Speaker

Zigfried Hampel-Arias

Stress testing Ethernet Switches for NectarCAM in the Cherenkov Telescope Array with a synchronous UDP frame generator

Speaker

Patrick Yves Sizun

Using UV-pass filters for bright Moon observations with MAGIC

Speaker

Juan Cortina

16:30