

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 1 DM and NU

World Forum
Churchillplein 10 2517 JW Den Haag The Netherlands

Thu, July 30

3:30 PM

Poster 1 DM and NU

Poster Session |

Location: World Forum, Amazon Foyer Terrace, Churchillplein 10 2517 JW Den Haag The Netherlands

Simulation studies of the expected proton rejection capabilities of CALET

Speaker

Roberta Sparvoli

Confronting recent AMS-02 positron fraction and Fermi-LAT Extragalactic γ -ray Background measurements with gravitino dark matter

Speaker

German Gomez-Vargas

Boosting the boost: the effect of tidal stripping on the subhalo luminosity

Speaker

Richard Bartels

The observability of gamma-ray spectral features from Kaluza-Klein dark matter annihilation

Speaker

Mr Satoshi Tsuchida

The electron spectrum from annihilation of Kaluza-Klein dark matter in the Galactic halo

Speaker

Mr Satoshi Tsuchida

PINGU camera

Speakers

Carsten Rott, Debanjan Bose

Software framework and reconstruction software of the DAMPE gamma-ray telescope

Speaker

Dr Andrii Tykhonov

A dual-PMT optical module (D-Egg) for IceCube-Gen2

Speaker

Lu Lu

Site Characterization and Detector Development for the Greenland Neutrino Observatory

Speaker

Stephanie Wissel

The KM3NeT Multi-PMT Digital Optical Module

Speakers

Dr Daan van Eijk, R Bruijn

A fussy revisit of antiprotons as a tool for Dark Matter searches**Speaker**

Mathieu Boudaud

Development of new data acquisition system at Super-Kamiokande for nearby supernova bursts**Speaker**

Asato Orii

The Calibration Units of the KM3NeT Neutrino Telescope**Speaker**

Veronique Van Elewyck

Generation-2 IceCube Digital Optical Module and DAQ**Speaker**

Michael DuVernois

Moon shadow observation with the ANTARES neutrino telescope**Speaker**

Matteo Sanguineti

Performance of the Read-out Electronics of the Qualification Model of DAMPE BGO Calorimeter in Environmental Tests and CERN Beam Experiment**Speaker**

Dr Deliang Zhang

Time synchronization and time calibration in KM3NeT**Speaker**

Dr Mieke Bouwhuis

Design studies for a neutrino telescope based on optical fiber hydrophones**Speaker**

Dr Ernst-Jan Buis

The optical module of the Baikal-GVD neutrino telescope**Speaker**

Bair Shaybonov

A Precision Optical Calibration Module for IceCube-Gen2**Speaker**

Kai Krings

Self Consistent Simulation of Dark Matter Annihilation And Background**Speaker**

Saptashwa Bhattacharyya

The Dark Box instrument for fast automatic testing of the photomultipliers for KM3NeT**Speaker**

Paolo Piattelli

Calibration, performances and tests of the first detection unit of the KM3NeT neutrino telescope

Speaker

Alexandre Creusot

Development of the time domain simulation of impulsive radio signals for ARAcITA**Speaker**

Keiichi Mase

Development of an automatic test system for the PMTs used in the BGO ECAL of DAMPE**Speaker**

Jianing Dong

Progress on the development of a wavelength-shifting optical module**Speaker**

Dustin Hebecker

Development of TRBs for Silicon Tracker Detector of DAMPE satellite**Speaker**

zhang fei

The data acquisition system of the KM3NeT detector**Speaker**

Paolo Piattelli

GSL in Unified DE-DM Dominated LQC**Speaker**

Dr Julie Saikia

The Mechanical structure and deployment procedure of the KM3NeT detection unit.**Speaker**

Prof. Paul Kooijman

Fiber laser design and measurements for fiber optical hydrophones in their application for ultra-high energy neutrino detection**Speaker**

Vincent Baas

Performances and main results of the KM3NeT prototypes**Speaker**

Alexandre Creusot

Acoustic positioning system for KM3NeT**Speaker**

Piera Sapienza

A method of electromagnetic shower identification by using isolated bars with the DAMPE BGO calorimeter**Speaker**

Chi WANG

Isospin violating dark matter in Stückelberg portal scenarios

Speaker
Victor Martin-Lozano

Space qualification of the Silicon Tungsten Tracker of DAMPE

Speaker
Wenxi Peng

Multi-PMT optical modules for IceCube-Gen2

Speaker
Lew Classen

Status and prospects for the Askaryan Radio Array (ARA) cosmogenic neutrino detector

Speaker
Michael DuVernois

Time and amplitude calibration of the Baikal-GVD neutrino telescope

Speaker
Bair Shaybonov

4:30 PM