

Session Program

Sep 12 - 16, 2016

TeV Particle Astrophysics 2016

Poster Session (coffee at 15:00) & CERN Visit

CERN

Wed, September 14

2:00 PM

Poster Session (coffee at 15:00) & CERN Visit

Poster Session | Location: CERN, 500/1-201 - Mezzanine

Gravitational effects on the electroweak vacuum stability

Speaker

Alberto Salvio

Search for AGN populations with the ANTARES neutrino telescope

Speaker

Mr Rodrigo Gracia Ruiz

Last ANTARES multimessenger analysis and associated results

Speaker

Damien TURPIN

Searching Ultra-High Energy Cosmic Neutrinos with ARA Detector

Speaker

Chin-Hao Chen

Fermionic Minimal Dark Matter and Friends

Speaker

Mr Bryan Zaldivar

Modeling the Galactic Plane emission from GeV to PeV

Speaker

Dr Antonio Marinelli

Search for point and extended sources with the ANTARES neutrino telescope

Speaker

Javier Barrios Martí

Boost factor analysis for dark matter annihilation in Galaxy Clusters

Speaker

Sergio Hernandez Cadena

Ultra High Energy Cosmic Ray radioactivity in flight painting TeV anisotropy sky.

Speaker

Prof. Daniele Fargion

Detection of high-energy gamma rays from Cygnus X-1 associated with its relativistic jets

Speaker

Alba Fernandez Barral

Can we see neutrino flares? Exploring the source parameter space for detectability.

Speakers

Claire Guépin, Kumiko Kotera

New tests of the anomalous transparency of the Universe for gamma rays and of its axionic explanation.

Speaker

Prof. Sergey Troitsky

The spectrum of the core of Centaurus A as seen by H.E.S.S. and Fermi

Speaker

Dmitry Prokhorov

MAGIC searches for IceCube HESE track directions

Speaker

Koji Noda

Multimessenger constraints on the origin of IceCube high-energy neutrinos

Speaker

Prof. Sergey Troitsky

A fresh look at linear cosmological constraints on a decaying dark matter component

Speaker

Vivian Poulin

The Smith Cloud and its potential for indirect Dark Matter detection using radio waves

Speaker

Dr Martin Vollmann

Dark matter decays from non-minimal coupling to gravity

Speaker

Oscar Cata

Towards a new agnostic top-down approach for studying dark matter signals over the entire sky

Speaker

Thomas Edwards

The impact of axisymmetric halos on the upper limits on the dark matter annihilation cross section in dSphs

Speaker

Niki Klop

Indirect dark matter detection from non-spherical dark halo in the Galactic dwarf spheroidals

Speaker

Koji Ichikawa

Probing EAS primaries and their interactions by combining individual muon tracks and shower depth

Speaker

Dr Moon Moon Devi

Cold and Warm Dark Matter Particles in the Mirror Model with Massive Mirror Photon

Speaker

Dr Mirza Satriawan

Spectral asymmetries of Galactic pulsars and the signature of photon-ALPs mixing

Speaker

Ms Jhilik Majumdar

A novel statistical test for dark matter induced dark matter sources

Speaker

Sara Algeri

Modelling the flux distribution of the high-energy neutrino sky

Speaker

Michael Feyereisen

Dark Matter Detection with Laser Interferometers

Speaker

Valera Frolov

VHE gamma-rays from the blazar S4 0954+65 by the MAGIC Telescopes during an exceptionally high optical state

Speaker

Dr Marina Manganaro

VHE gamma-rays from S50716+714 during its brightest outburst

Speaker

Dr Marina Manganaro

Stellar and solar Inverse Compton emission computation with StellarICs

Speaker

Dr Elena Orlando

Studying hadronic interactions with inclusive atmospheric leptons

Speaker

Anatoli Fedynitch

Searching for new physics in the flavor composition of high-energy astrophysical neutrinos

Speaker

Mauricio Bustamante

Improved constraints on annihilating dark matter from cosmic-ray antiprotons

Speaker

Martin Stref

Indirect Searches for Dark Matter Signatures at INO

Speaker

Mr Deepak Tiwari

DRAGON2 : A novel code for Cosmic-Ray transport in the Galaxy

Speaker

Andrea Vittino

Photodisintegrated gamma rays and neutrinos from heavy nuclei in the gamma-ray burst jet of GRB 130427A

Speaker

Jagdish Joshi

PeV Neutrinos from PKS B-1424 418

Speaker

Dr Shan Gao

An Empirical Determination of the Intergalactic Background Light from UV to FIR Wavelengths Using FIR Deep Galaxy Surveys and the Gamma-ray Opacity of the Universe

Speaker

Floyd Stecker

GRAPES-3 sensitivity for diffuse gamma-ray studies with expanded muon detector

Speaker

PRAVATA MOHANTY

6:00 PM