

TeV Particle Astrophysics 2021 (TeVPA 2021)

Monday, 25 October 2021 - Friday, 29 October 2021

Wangjiang Hotel

Scientific Programme

Topics

Plenary talk by

Conveners

LOC

Cosmic rays

1. Yunlong Zhang: The Status and New Results of DAMPE Experiment;
2. Shoji Torii: Highlights from the CALET observations on the ISS;
3. Douglas Bergman: Highlights of the TA Experiment;
4. Bruce Dawson: Latest Results from the Pierre Auger Observatory

Carmelo Evoli;
Damiano Caprioli

H Zhou;
Q Yuan

Cosmology

1. Ting Li: Review on cosmic survey as a probe of dark matter

Emmanuel Saridakis

YF Cai;
GB Zhao

Dark matter

1. Maxim Pospelov: Novel constraints on light dark matter via solar reflection and acceleration by cosmic rays ;
2. Daniel Egana-Ugrinovic: Recent progress in sub-GeV dark matter detection;

3. Meng Yue: Dark Matter Direct Detection Experiments

Caterina Doglioni;
Junwu Huang

HP An;
N Zhou

Extragalactic sources

1. Dmitry Khangulyan: Highlights of the HESS Experiment;
2. Marina Manganaro: Highlights of the MAGIC Experiment;
3. Rodrigo Lang: Review on origin of UHECRs;
4. Bing Zhang: Review on GRBs and FRBs

Katsuaki Asano;
Andrew Taylor

PT Tam;
XY Wang

Galactic sources

1. Chang Dong Rho: Multi-TeV Gamma-ray Sky Observed using HAWC-Highlights & Recent Results;
2. Takita Masato: Recent results from the Tibet ASgamma experiment;
3. Stephan O'Brien: Highlights of the VERITAS Experiment;
4. Songzhan Chen: Highlights of the LHAASO Experiment

Ke Fang;
Diego Torres

SM Liu
Y Chen

Gamma rays

1. Felix Aharonian: Review on PeVatrons;
2. Tim Linden: Review on PWNs;
3. Jian Li: what we talk about when we talk about gamma-ray binaries;
4. Pasquale Blasi: Review on PeV acceleration;
5. Juan Cortina: on Future gamma-ray experiments

Emma de ona Wilhelmi;
Feng Qi

RZ Yang;
J Li;
RY Liu

Gravitational waves

1. Meg Millhouse: Overview and recent results of L/V/K experiments;
2. Cristiano Palomba: Constraints on dark photon dark matter using gravitational wave detector data;
3. Omella Piccinni: Searches for gravitational waves from nearby supernovae

Ik Siong Heng;
Hayama Kazuhiro

XJ Zhu
H Gao
ZH Zhu

Neutrinos

1. Zhou Shun: Review on neutrino theory;
2. Qinrui Liu: High-Energy Neutrino Observation Highlights from IceCube;
3. Olga Suvorova: The progress in the construction and operation of the Baikal-GVD

Michael Larson;
Aart Heijboer;
Aya Ishihara

Z Li;

S. Zhou;
DL Xu

Particle physics

1. Zhen Liu: Review on Heavy DM at colliders;
2. Jure Zupan: Review on flavor dark sector;
3. Tulika Bose :LHC results on the dark sector

Jiji Fan;
Lesya Shchutska

MS Chen;
H Zhang