



# TeVPA 2023 - Napoli Italy

## Monday, September 11, 2023

### Plenary (9:30 AM - 10:45 AM)

-Conveners: Chair: Carmelo Evoli

time	[id] title	presenter
9:30 AM	[345] Recent results on gamma-ray astronomy from LHAASO	YAO, Zhiguo
9:55 AM	[341] Recent UHECR results and their interpretation	BONCIOLI, Denise
10:20 AM	[346] Galactic cosmic rays: state of the art	GENOLINI, Yoann

### Plenary (11:15 AM - 12:30 PM)

-Conveners: Chair: Gwenhael de Wasseige

time	[id] title	presenter
11:15 AM	[312] Particle acceleration and high-energy emission from star-forming galaxies	PERETTI, Enrico
11:40 AM	[342] Multi-messenger emission from weak-jetted active galactic nuclei	INOUE, Susumu
12:05 PM	[335] Neutrino signal from Seyfert galaxies	SEMIKOZ, Dmitri

# Tuesday, September 12, 2023

## Plenary (9:00 AM - 10:30 AM)

-Conveners: Chair: Marco Chianese

time	[id] title	presenter
9:00 AM	[133] Dark Matter indirect detection, news and reviews	NG, Kenny Chun Yu
9:25 AM	[138] Signatures of and constraints on Primordial Black Holes as dark matter	SERPICO, Pasquale Dario
9:50 AM	[134] Constraints on dark matter from strong gravitational lensing in the era of JWST	GILMAN, Daniel
10:10 AM	[131] Dark correlations	PINETTI, Elena

## Plenary (11:00 AM - 12:30 PM)

-Conveners: Chair: Fabio Iocco

time	[id] title	presenter
11:00 AM	[310] Cosmology in the era of Multimessenger Astronomy	CHEN, Hsin-yu
11:25 AM	[222] Small scale frictions in the LCDM cosmology	FATTAHI, Azadeh
11:50 AM	[34] Fuzzy dark matter confronts rotation curves of nearby dwarf irregular galaxies	BAÑARES HERNÁNDEZ, Andrés
12:05 PM	[307] Tension in Currently Measured Values of H0	FREEDMAN, Wendy

# Wednesday, September 13, 2023

## **Plenary (9:00 AM - 10:30 AM)**

**-Conveners: Chair: Giuliana Fiorillo**

time	[id] title	presenter
9:00 AM	[347] Overview of direct DM searches	MONROE, Jocelyn
9:25 AM	[72] XENONnT direct dark matter searches: the latest results	FERRARI, Cecilia
9:45 AM	[181] First results from the WIMP dark matter search with the LZ experiment	KUDRYAVTSEV, Vitaly
10:05 AM	[14] Recent Low Energy Results from the Recoil Directionality (ReD) Experiment	ALBUQUERQUE, Ivone
10:20 AM	[77] Direct detection of light dark matter from evaporating primordial black holes	CALABRESE, Roberta

## **Plenary (11:00 AM - 12:30 PM)**

**-Conveners: Chair: Fiorenza Donato**

time	[id] title	presenter
11:00 AM	[343] Perspectives and challenges of multi-messenger astronomy including gravitational-waves	BRANCHESI, Marica
11:25 AM	[159] GRB-UHECRs connection after detection of the B.O.A.T. GRB 221009A	RAZZAQUE, Soebur
11:50 AM	[208] The Fermi high-energy view of GRB 221009A, the "brightest of all time" or B.O.A.T. GRB	BISSALDI, Elisabetta
12:10 PM	[242] Detection of early (prompt) emission from short GRBs in the VHE gamma-rays: ET, CE and CTA in action	BANERJEE, Biswajit

# Thursday, September 14, 2023

## Plenary (9:00 AM - 10:30 AM)

-Conveners: Chair: Ninetta Saviano

time	[id] title	presenter
9:00 AM	[333] New Results for eV-scale Sterile Neutrino Searches with IceCube	GARCIA SOTO, Alfonso Andres
9:20 AM	[32] The Light Dark Matter eXperiment, LDMX	BRYNGEMARK, Lene Kristian
9:40 AM	[331] Search for Dark Matter and hidden sectors in CMS	DARWISH, Mohamed
10:00 AM	[330] Recent searches for new phenomena with the ATLAS detector	FELIGIONI, Lorenzo
10:15 AM	[327] Searches for new physics in the Higgs sector	OTERO Y GARZÓN, Gustavo

## Plenary (11:00 AM - 12:30 PM)

-Conveners: Chair: Dan Hooper

time	[id] title	presenter
11:00 AM	[309] The Search for Physics Beyond the Standard Model: a Theorist Perspective	BURDMAN, Gustavo
11:25 AM	[270] The QCD axion: theory, phenomenology, and searches	VISINELLI, Luca
11:50 AM	[13] Attacking Heavy Dark Matter on Two Fronts	BAUMGART, Matthew
12:03 PM	[295] Multicomponent Dark Matter signatures in supersymmetric models	PEREZ, Andres Daniel
12:16 PM	[37] Inelastic Dark Matter Through The Ages	HEEBA, Saniya

# Friday, September 15, 2023

## Plenary (9:30 AM - 10:30 AM)

-Conveners: Chair: Silvia Manconi

time	[id] title	presenter
9:30 AM	[179] First Views of the VHE sky from the LST-1 prototype	CAROSI, Alessandro
9:50 AM	[117] Latest results on observations with the CALorimetric Electron Telescope (CALET) on the International Space Station	STOLZI FOR THE CALET COLLABORATION, Francesco
10:10 AM	[115] The preliminary measurement of mean logarithmic mass of cosmic rays in the knee region with muon contents by LHAASO-KM2A	FENG, Cunfeng

## Plenary (11:00 AM - 12:25 PM)

-Conveners: Chair: Pasquale Dario Serpico

time	[id] title	presenter
11:00 AM	[308] Particle escape from evolved pulsar wind nebulae	OLMI, Barbara
11:25 AM	[325] Studies of Supernova Remnants and Pulsar Wind Nebulae with VERITAS	HUMENSKY, Brian
11:45 AM	[74] Recents results on high-energy emissions from the Milky Way	FUSCO, Luigi Antonio
12:05 PM	[245] High-energy diffuse emission from the Milky Way, a new multi-messenger perspective	MARINELLI, Antonio