



# TeVPA 2023 - Napoli Italy

## Monday, 11 September 2023

### Plenary (09:30 - 10:45)

-Conveners: Chair: Carmelo Evoli

time	[id] title	presenter
09:30	[345] Recent results on gamma-ray astronomy from LHAASO	YAO, Zhiguo
09:55	[341] Recent UHECR results and their interpretation	BONCIOLI, Denise
10:20	[346] Galactic cosmic rays: state of the art	GENOLINI, Yoann

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

-Conveners: Chair: Gwenhael de Wasseige

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

# Tuesday, 12 September 2023

## Plenary (09:00 - 10:30)

-Conveners: Chair: Marco Chianese

time	[id] title	presenter
09:00	[133] Dark Matter indirect detection, news and reviews	NG, Kenny Chun Yu
09:25	[138] Signatures of and constraints on Primordial Black Holes as dark matter	SERPICO, Pasquale Dario
09:50	[134] Constraints on dark matter from strong gravitational lensing in the era of JWST	GILMAN, Daniel
10:10	[131] Dark correlations	PINETTI, Elena

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

-Conveners: Chair: Fabio Iocco

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

# Wednesday, 13 September 2023

## Plenary (09:00 - 10:30)

-Conveners: Chair: **Giuliana Fiorillo**

time	[id] title	presenter
09:00	[347] Overview of direct DM searches	MONROE, Jocelyn
09:25	[72] XENONnT direct dark matter searches: the latest results	FERRARI, Cecilia
09:45	[181] First results from the WIMP dark matter search with the LZ experiment	KUDRYAVTSEV, Vitaly
10:05	[14] Recent Low Energy Results from the Recoil Directionality (ReD) Experiment	ALBUQUERQUE, Ivone
10:20	[77] Direct detection of light dark matter from evaporating primordial black holes	CALABRESE, Roberta

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

-Conveners: Chair: **Fiorenza Donato**

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

# Thursday, 14 September 2023

## Plenary (09:00 - 10:30)

-Conveners: Chair: Ninetta Saviano

time	[id] title	presenter
09:00	[333] New Results for eV-scale Sterile Neutrino Searches with IceCube	GARCIA SOTO, Alfonso Andres
09:20	[32] The Light Dark Matter eXperiment, LDMX	BRYNGEMARK, Lene Kristian
09:40	[331] Search for Dark Matter and hidden sectors in CMS	DARWISH, Mohamed
10:00	[330] Recent searches for new phenomena with the ATLAS detector	FELIGIONI, Lorenzo
10:15	[327] Searches for new physics in the Higgs sector	OTERO Y GARZÓN, Gustavo

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

-Conveners: Chair: Dan Hooper

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

# Friday, 15 September 2023

## Plenary (09:30 - 10:30)

-Conveners: Chair: **Silvia Manconi**

time	[id] title	presenter
09:30	[179] First Views of the VHE sky from the LST-1 prototype	CAROSI, Alessandro
09:50	[117] Latest results on observations with the CALorimetric Electron Telescope (CALET) on the International Space Station	STOLZI FOR THE CALET COLLABORATION, Francesco
10:10	[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 - 12:25)

-Conveners: Chair: **Pasquale Dario Serpico**

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