



# TeV Particle Astrophysics 2016

## Monday, September 12, 2016

### Plenary: I - 500/1-001 - Main Auditorium (9:20 AM - 12:30 PM)

-Conveners: Gianfranco Bertone

time	[id] title	presenter
9:20 AM	[M10] Opening Remarks	RENNER, Christoph ELSEN, Eckhard
9:50 AM	[M11] ATLAS results on new physics searches	PRIMAVERA, Margherita PRIMAVERA, Margherita
10:10 AM	[M12] Recent results from CMS	COSTANZA, Francesco
10:30 AM	Coffee break	
11:00 AM	[M13] Dark matter at the LHC: Effective field theories, simplified models & beyond	HAISCH, Ulrich Andreas
11:30 AM	[M14] Direct Dark Matter Searches: Status and Perspectives	SCHUMANN, Marc
12:00 PM	[M15] Experimental Axion Review	GARCIA IRASTORZA, Igor

# Tuesday, September 13, 2016

## Plenary: II - 500/1-001 - Main Auditorium (9:30 AM - 12:30 PM)

-Conveners: **Diego Blas Temino**

time	[id] title	presenter
9:30 AM	<del>P16</del> [P16] Advanced LIGO observations of gravitational waves from binary black hole mergers	ALLEN, Bruce
10:00 AM	<del>P17</del> [P17] Gravitational wave astronomy	HUGHES, Scott
10:30 AM	Coffee break	
11:00 AM	<del>P18</del> [P18] IceCube and the Development of Neutrino Astronomy	KURAHASHI, Naoko
11:30 AM	<del>P19</del> [P19] Supernova Neutrinos - MeV Messengers of the Extreme	VAGINS, Mark
12:00 PM	<del>P20</del> [P20] Neutrino particle astrophysics: status and outlook	GAISSER, Thomas

# Wednesday, September 14, 2016

## Plenary: III - 500/1-001 - Main Auditorium (9:30 AM - 12:30 PM)

-Conveners: **Teresa Montaruli; Domenico Della Volpe**

time	[id] title	presenter
9:30 AM	<del>P21</del> [21] Galactic Gamma-ray astrophysics	MCENERY, Julie
10:00 AM	<del>P22</del> [22] Extragalactic Gamma-Ray Astrophysics	STAWARZ, Lukasz
10:30 AM	Coffee break	
11:00 AM	<del>P23</del> [23] Gamma-rays and the sources of galactic cosmic rays	GABICI, Stefano
11:30 AM	<del>P24</del> [24] Indirect dark matter searches: current status and perspectives	WENIGER, Christoph
12:00 PM	<del>P25</del> [25] Towards the APPEC strategy	LINDE, Frank

# Thursday, September 15, 2016

## Plenary: IV - 500/1-001 - Main Auditorium (9:30 AM - 12:30 PM)

-Conveners: Mathias Garny

time	[id] title	presenter
9:30 AM	[P26] Particle physics constraints from future cosmological surveys	LESGOURGUES, Julien
10:00 AM	[P28] Towards an Effective Theory Of Structure formation (ETHOS)	ZAVALA FRANCO, Jesús
10:30 AM	Coffee break	
11:00 AM	[P29] New results from the AMS experiment on the International Space Station	SCHAEL, Stefan
11:30 AM	[P30] The CALorimetric Electron Telescope (CALET): in-flight performance and preliminary results.	SHOJI, Torii
12:00 PM	[P31] The Future of Gamma Ray Astrophysics	BLANDFORD, Roger

# Friday, September 16, 2016

## Plenary: V - 500/1-001 - Main Auditorium (9:30 AM - 12:30 PM)

-Conveners: **Martin Kunz**

time	[id] title	presenter
9:30 AM	[232] Measurements at LHC and their relevance for cosmic ray physics	ULRICH, Ralf Matthias
10:00 AM	[233] The Status of the DAMPE (DARK Matter Particle Explorer) Satellite Mission	WU, Xin
10:30 AM	Coffee break	
11:00 AM	[234] Future of CR astroparticle physics	DONATO, Fiorenza
11:30 AM	[235] Prospects for the LHC and future colliders	MANGANO, Michelangelo
12:00 PM	[236] Concluding Remarks	