



# AstroParticle Symposium 2022

## lundi 31 octobre 2022

### Discussion: Inflation, preheating, reheating : codes and signature(s)? (15:00 - 17:00)

-Présidents de session: Hyun Jong Yoon; Marcos Garcia

time [id] title

presenter

15:00	[52] Discussion (Inflation, preheating, reheating : codes and signature(s)?)	YOON, Jong Hyun GARCIA, Marcos
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# jeudi 3 novembre 2022

## Discussion: Precision and Accurate Cosmology with Euclid : What Awaits Us. (14:00 - 16:00)

-Présidents de session: Alessandra Silvestri

time	[id] title	presenter
14:00	[54] Discussion (Precision and Accurate Cosmology with Euclid : What Awaits Us.)	SILVESTRI, Alessandra

# vendredi 4 novembre 2022

## Discussion: The meaning of "gravitational production" (11:00 - 12:30)

-Présidents de session: Kunio Kaneta; Oleg Lebedev; Bohdan Grzadkowski

time [id] title

presenter

11:00	[55] Discussion (The meaning of "gravitational production")	GRZADKOWSKI, Bohdan KANETA, Kunio LEBEDEV, Oleg
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# jeudi 10 novembre 2022

**Discussion (12:00 - 12:30)**

**Discussion: Final remarks (15:30 - 16:30)**

# **lundi 14 novembre 2022**

**Discussion: Current and future missions for transients astrophysics (14:00 - 16:00)**

**-Présidents de session: Diego Götz**

# **mercredi 16 novembre 2022**

**Discussion: GWs: O4 and beyond (10:30 - 12:30)**

**-Présidents de session: Monica Seglar Arroyo; Nicolas Leroy**

# jeudi 17 novembre 2022

**Discussion: GRBs: classifications and MWL/MM signatures (10:30 - 12:30)**

**-Présidents de session: Nial Tanvir**

# vendredi 18 novembre 2022

## Discussion: Alert networks and data formats (10:30 - 12:30)

-Présidents de session: Ada Nebot; Leo Singer

time	[id] title	presenter
10:30	[85] Discussion session on Alerts, formats and protocols	NEBOT, Ada SINGER, Leo

## mardi 22 novembre 2022

### Discussion: Paleo-detectors for CR and DM observations (11:00 - 13:00)

-Présidents de session: Claudio Galelli; Lorenzo Caccianiga

time	[id] title	presenter
11:00	[75] Paleo-detectors - Introduction and motivations	CACCIANIGA, Lorenzo
12:00	[76] Paleo-detectors - the ideal mineral	GALELLI, Claudio

### Discussion: Data formatting for high energy Astroparticle (15:00 - 17:00)

time	[id] title	presenter
15:00	[67] Gamma-ray format GADF	LINHOFF, Maximilian
15:20	[68] VODF format: evolution and path forward	KOSACK, Karl
15:40	[69] HAWC DL3 format	
16:00	[70] Road map discussion	

## mercredi 23 novembre 2022

### Discussion: Atmospheric electricity with CR detectors (11:00 - 13:00)

-Présidents de session: Roberta Colalillo; Roberto Mussa

time	[id] title	presenter
11:00	[89] Atmospheric electricity	COLALILLO, Roberta MUSSA, Roberto

### Discussion: Data format & interface for models in general (14:30 - 16:30)

time	[id] title	presenter
14:30	[71] Model & interface	Dr ACERO, Fabio

# jeudi 24 novembre 2022

## Discussion: MWL fitting : examples and use cases (14:30 - 16:30)

time	[id] title	presenter
14:30	[72] Implementation of X/gamma-ray joint fit in gammapy	GIUNTI, Luca
15:00	[73] How to handle MWL & multi-instrument fit in with gammapy	ACERO, Fabio

# **vendredi 25 novembre 2022**

**Discussion: Multi-Messenger Extragalactic Backgrounds (11:00 - 13:00)**

**-Présidents de session: Jonathan Biteau**