

Session Program

3-8 Oct 2022



2022 LHC Days in Split

Astro-particle and Cosmology

Split, Croatia
Sinjska ulica 6, 21000, Split, Croatia

Friday 7 October

09:00

Astro-particle and Cosmology: Part 1

Session | **Location:** Split, Croatia, Sinjska ulica 6, 21000, Split, Croatia | **Convener:** Masahiro Teshima

09:00–09:30 **Dark matter theory**

Speaker

Marco Cirelli

09:30–09:55 **Overview of MAGIC results**

Speaker

Marina Manganaro

09:55–10:20 **Highlights in gamma ray astronomy**

Speaker

Razmik Mirzoyan

10:20–10:45 **ICECUBE results**

Speaker

David Jason Koskinen

10:45

11:15

Astro-particle and Cosmology: Part 2

Session | **Location:** Split, Croatia, Sinjska ulica 6, 21000, Split, Croatia | **Convener:** Razmik Mirzoyan

11:15–11:40

Construction Status of the Rubin Observatory and Cosmology with LSST

Speaker

Zeljko Ivezić

11:40–12:05 **Multi-messenger astronomy**

Speaker

Prof. Teresa Montaruli

12:05–12:30 **CTA perspective**

Speakers

Masahiro Teshima, Masahiro Teshima

12:30–13:00 **Cosmology - theory**

Speaker

Azadeh Maleknejad

13:00

14:30

Astro-particle and Cosmology: Part 3

Session | **Location:** Split, Croatia, Sinjska ulica 6, 21000, Split, Croatia | **Convener:** Gabriella Pugliese

14:30–15:00 **Cosmology - overview of recent results**

Speaker

Dr Vanina Ruhlmann-Kleider

15:25

15:00–15:25

Status of Dark matter searches

Speakers

Dr Gabrijela Zaharijas, Gabrijela Zaharijas