

Session Program

5-12 Jul 2017



EPS-HEP 2017

Dark matter

Venice, Italy
Palazzo del Cinema and Palazzo del Casinò, Lido di Venezia, Italy

Thursday 6 July

09:00

Dark matter

Session | **Location:** Palazzo del Casinò, Room Mosaici-1

09:00–09:30 **WIMP Direct Detection Experiments**

Speaker

Jianglai Liu

09:30–09:45 **First Results from the XENON1T Dark Matter Experiment**

Speaker

Dr Michelle Galloway

09:45–10:00 **Darkside Status and Prospects**

Speaker

Jeff Martoff

10:00–10:15

Search for Low Mass Dark Matter Particles with the CRESST Experiment

Speaker

Cenk Turkoglu

10:15–10:30 **New results from LUX**

Speakers

Dr Alexandre Lindote, Alexandre Lindote

10:30–10:45 **The LZ Dark Matter experiment**

Speaker

Prof. Wolfgang Lorenzon

10:45–11:00 **Generalizing Minimal Dark Matter: Millicharge or Decay**

Speaker

Eugenio Del Nobile

11:00–11:30 **Coffee break**

11:30–12:00 **WIMP theory review**

Speaker

Dr FARINALDO queiroz

12:00–12:30 **Axion as a non-WIMP dark matter candidate**

Speaker

Kenichi Saikawa

12:30–12:45 **Saving the Higgs Portal for Singlet Scalar Dark Matter.**

Speaker

Javier Quilis

12:45–13:00 **Naturalness and Dark Matter in the BLSSM**

13:00

Speaker
Simon King

14:30

Dark matter

Session | **Location:** Palazzo del Casinò, Room Volpi

14:30–15:00 **Dark matter searches at colliders**

Speakers
Shin-Shan Yu, SHIN-SHAN YU, Shin-Shan Yu

15:00–15:15 **Searches for dark matter in hadronic final states**

Speaker
Deborah Pinna

15:15–15:30 **Dark Matter searches with the ATLAS Detector**

Speaker
Dr Valerio Ippolito

15:30–15:45 **Search for long-lived scalar particles in B decays at LHCb**

Speaker
Andrea Mauri

15:45–16:00 **Search for dark sector particles at Belle**

Speaker
Youngjoon Kwon

16:00–16:30 **Coffee break**

16:30–16:45 **Dark Sector Physics with Belle II**

Speaker
Torben Ferber

16:45–17:00 **Single Top and Dark Matter: Two is not always better than one**

Speaker
Alberto Zucchetta

17:00–17:15 **Direct detection of neutralino dark matter with DM@NLO**

Speaker
Michael Klasen

17:15–17:30 **Dark matter and LHC: complementaries and limitations**

Speaker
Glenn Robbins

17:30–17:45 **Global fits of the scalar singlet model using GAMBIT**

Speaker
Mr James McKay

17:45–18:00

Search for physics beyond the SM in meson decays with WASA detector.

Speaker

Damian Pszczel

18:00-18:15

KLOE/KLOE-2 results and perspectives on dark force search

Speaker

Giuseppe Mandaglio

18:15-18:30

Search for the gauge boson of a secluded sector with the PADME experiment at LNF

Speaker

Paola Gianotti

18:30

Friday 7 July

09:00

Dark matter

Session | **Location:** Palazzo del Casinò, Room Mosaici-2

09:00–09:30 Indirect Detection Experiments

Speaker

Dr Gabrijela Zaharijas

09:30–09:45 Looking for New Physics in the Satellites of the Milky Way

Speaker

Mauro Valli

09:45–10:00

Dark Matter signal from e^+ / e^- / p^- with the AMS Detector on the International Space Station

Speaker

Nikolas Zimmermann

10:00–10:15

Probing dark matter annihilation in the Galaxy with antiprotons and gamma rays

Speaker

Jan Heisig

10:15–10:30

Searches for low-mass new-physics states with the BaBar detector

Speaker

Nicolas Arnaud

10:30–10:45

CMB bounds on primordial black holes

Speakers

Pasquale Dario Serpico, Pasquale Serpico, Pasquale Serpico

10:45–11:00

Directional detection of Dark Matter with nuclear emulsion based detector

Speakers

Nicola D'Ambrosio, Nicola D'Ambrosio

11:00–11:30

Coffee break

11:30–11:45

CYGNUS: development of a high resolution TPC for rare events

Speaker

Davide Pinci

11:45–12:00

Cosinus - Cryogenic Dark Matter searches with NaI crystals

Speaker

Jochen Schieck

12:00–12:15

DARWIN: towards the ultimate dark matter detector

Speaker

Prof. Francesco Arneodo

12:15-12:45 **Axion experimental review**

Speaker

Igor Garcia Irastorza

12:45-13:00

Possible resonance effect of dark matter axions in SNS Josephson junctions

Speaker

Prof. Christian Beck

13:00