

Session Program

May 27, 2018 to June 2, 2018

**PM2018 - 14th Pisa Meeting on Advanced
Detectors**

Cryogenic / Superconductive Devices

La Biodola - Isola d'Elba (Italy)

Wed, May 30

8:30 AM

Cryogenic / Superconductive Devices

Session | **Location:** La Biodola - Isola d'Elba (Italy) | **Conveners:** Alessandro Monfardini, Nader Mirabolfathi

8:30 - 8:45 AM

Direct Search for WIMP Dark Matter particles with the LUX-ZEPLIN (LZ) detector

Speaker

Kirill Pushkin

8:50 - 9:05 AM

Searching for Low Mass Dark Matter with the SuperCDMS SNOLAB Detectors

Speaker

Bruno Serfass

9:10 - 9:25 AM

CUORE: the first bolometric experiment at the ton scale for rare decay searches

Speaker

Antonio Branca

9:30 - 9:55 AM

S5 - Poster Review

Speaker

Alessandro Monfardini

10:00 - 10:15 AM

Cryogenic light detectors for background suppression: the CALDER project.

Speaker

Nicola Casali

10:20 - 10:40 AM

Josephson radiation sensors via temperature-to-phase conversion

Speaker

Federico Paolucci

10:45 - 11:00 AM

77K superconducting electronics based on coherent operation of SQUID arrays for advanced detection in physics 15'

Speaker

Boris Chesca

11:30 AM