

Session Program

14-18 Oct 2019

**Light Anti-Nuclei as a Probe for New Physics
(LAN2019)**

***Sources of Antinuclei: from Dark Matter to
anti galaxies***

Leiden, The Netherlands, Lorentz Center@Snellius

Tuesday 15 October

09:00

Sources of Antinuclei: from Dark Matter to anti galaxies: I

Session | **Location:** Leiden, The Netherlands, Lorentz Center@Snellius | **Conveners:**
Alberto Oliva, Michael Korsmeier

09:00–10:00 **Sources of antimatter**

Speaker
PIERRE SALATI

10:00–10:30 **Break**

10:30–11:30 **Light Antinuclei from Dark Matter**

Speaker
Prof. Fiorenza Donato

11:30–12:00 **New Era in the Quest for Dark Matter**

Speaker
Gianfranco Bertone

12:00

14:00

Sources of Antinuclei: from Dark Matter to anti galaxies: II

Session | **Location:** Leiden, The Netherlands, Lorentz Center@Snellius

14:00–14:30

Cosmic ray e^\pm at high energy: a local and recent origin for TeV cosmic-rays?

Speaker
Annika Buchholz

14:30–15:00 **Scrutinizing the evidence for dark matter in cosmic-ray antiprotons**

Speaker
Michael Korsmeier

15:00–15:30 **coffee/tea break**

15:30–16:00 **Antideuteron and antihelium: sources and discovery potential**

Speaker
Johannes Herms

16:00–16:30

Progress report on antideuteron search with the Alpha Magnetic Spectrometer on the ISS

Speaker
Senquan Lu

16:30