

Session Program

14-18 Oct 2019

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

***Antinuclei transport in the Galaxy and in the
Heliosphere***

Leiden, The Netherlands, Lorentz Center@Snellius

Wednesday 16 October

09:00

Antinuclei transport in the Galaxy and in the Heliosphere: I

Session | **Location:** Leiden, The Netherlands, Lorentz Center@Snellius | **Conveners:**
Dr Annika Reinert, Michael Kachelriess

09:00–10:00

Transport and interactions of cosmic rays in the Galaxy

Speaker

David Alain Maurin

10:00–10:30

coffee/tea break

10:30–11:30

Propagation of cosmic rays in the Heliosphere

Speaker

Nicholas Eugene Engelbrecht

11:30–12:00

Particles and antiparticles in the Heliosphere: recent measurements and modeling.

Speaker

Dr Valeria Di Felice

12:00

14:00

Antinuclei transport in the Galaxy and in the Heliosphere: II

Session | **Location:** Leiden, The Netherlands, Lorentz Center@Snellius | **Conveners:**
Paolo Zuccon, Johannes Herms

14:00–14:30

A new charge-sign dependent model of cosmic-ray modulation

Speaker

Marco Kuhlen

14:30–15:00

Breakout session 1: The coalescence model in a nutshell

Speaker

Michael Kachelriess

15:00–15:30

coffee/tea break

15:30–16:00

A closer look at secondary antiproton production in cosmic rays and its impact on dark matter indirect searches

Speaker

Andrea Vittino

16:00