

Session Program

17-21 May 2021

**PPC 2021: XIV International Workshop on
Interconnections between Particle Physics
and Cosmology**

WIMP Models/Detection 2

University of Oklahoma
440 W. Brooks St Norman, OK 73019

Thursday 20 May

16:00

WIMP Models/Detection 2

Session | **Location:** | **Convener:** Michael Fedderke

16:00–16:15

The Galactic potential and dark matter density from angular stellar accelerations

Speaker

Dr Malte Buschmann

16:15–16:30

Cosmic-ray antiprotons in the AMS-02 era: A sensitive probe of dark matter

Speaker

Dr Jan Heisig

16:30–16:45

Hints for decaying dark matter from S8 measurements

Speaker

Guillermo Franco Abellán

16:45–17:00

Nonthermal hot DM from early matter dominated epoch and S₈ anomaly.

Speaker

Mr Ravi kumar sharma Sharma

17:00–17:15

Constraints on Dark Matter Microphysics from Dwarf Galaxies

Speaker

Ethan Nadler

17:15–17:30

Viscous Self-Interacting Dark Matter and Accelerated Expansion of the Universe

Speaker

Mr Arvind Kumar Mishra

17:30