

Session Program

17-21 May 2021

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

Cosmology 2

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

Wednesday 19 May

16:00

Cosmology 2

Session | Location: | Convener: Brooks Thomas

16:00–16:15

COSMOLOGICAL PARTICLE PRODUCTION AND PAIRWISE SPOTS ON THE CMB

Speaker

Soubhik Kumar

16:15–16:30

Gravitational growth of perturbations during reheating

Speaker

Nathan Musoke

16:30–16:45

Small Field Polynomial Inflation: Reheating, Radiative Stability and Lower Bound

Speaker

Mr Yong Xu

16:45–17:00

Spillway Preheating: an efficient particle production mechanism

Speaker

Qianshu Lu

17:00–17:15

The synergy between CMB spectral distortions and anisotropies

Speaker

Matteo Lucca

17:15–17:30

Cosmology with UV Galaxy Luminosity Functions

Speaker

Nashwan Sabti

17:30