

Session Program

17-21 May 2021

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

BSM with Compact Objects 1

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

Thursday 20 May

14:00

BSM with Compact Objects 1

Session | Location: | Convener: Aniket Joglekar

14:00-14:15 **(Talk Cancelled) Axion Stars: Towards the Planck Scale**

Speaker

Dr Joshua Eby

Location

14:15-14:30 **Two-Scalar Bose-Einstein Condensates: From Stars to Galaxies**

Speaker

Dan Vagie

Location

14:30-14:45 **Gravitational Microlensing by Dark Matter Subhalos and Boson Stars**

Speaker

Zihui Wang

Location

14:45-15:00 **Will axions be discovered as oscillons?**

Speaker

David Cyncynates

Location

15:00-15:15

Adiabatic contraction of haloes with Bose-Einstein-condensed dark matter

Speaker

Kevin Pils

Location

15:15-15:30 **Exoplanets as Sub-GeV Dark Matter Detectors**

Speaker

Juri Smirnov

Location

15:30