

Session Program

28-29 Oct 2024

TACOS 2024 @ UT Austin

Monday Session

Peter O'Donnell, Jr. Building (POB), Avaya Auditorium (2.302)
201 E. 24th St Austin, TX 78712

Monday 28 October

09:00

Monday Session: Monday Session

Session | **Location:** Peter O'Donnell, Jr. Building (POB), Avaya Auditorium (2.302), 201 E. 24th St Austin, TX 78712

09:00–09:10 **Opening remarks**

Speakers

Prof. Kimberly Boddy, Katherine Freese

09:10–09:40

Cosmic Microwave Background foregrounds and other problems that might be opportunities

Speaker

Kevin Huffenberger

09:40–10:00

The Frontier of Gravitational Lensing of the Cosmic Microwave Background

Speaker

Victor Chan

10:00–10:20

Cosmological case study of a tower of neutrino states

Speaker

Dr Subhajit Ghosh

10:20–10:30

Talkitos

10:30–11:10

Coffee Break

11:10–11:40

Latest results from the Hobby-Eberly Telescope Dark Energy Experiment

Speaker

Karl Gebhardt

11:40–12:10

The First Billion Years: Formation of the First Stars, Galaxies and Black Holes

Speaker

Volker Bromm

12:10–12:20

Talkitos

12:20–12:30

Group Photo

12:30–13:50

Lunch

13:50–14:20

Year 1 Results from DESI

Speaker

Robert Kehoe

14:20–14:40

Free Streaming in Modified Cosmic History

Speaker

Moirá Venegas

14:40–15:00

Talkitos

15:00–15:40

Coffee Break

15:40–16:10

Cosmology with Galaxy Clusters: Going Beyond Mass Calibration**Speaker**

Heidi Wu

16:10–16:30

Cosmological profile likelihood constraints on dark matter scattering with protons**Speaker**

Maria Straight

16:30–16:50

Self-Interacting Dark Matter Substructures: A Tale of Diversity and More**Speaker**

Carton Zeng

16:50–17:00

Talkitos

17:00–17:30

Coffee Break

17:30–18:00

Metronome timing array (a metronome-microphone demo of a pulsar timing array)**Speaker**

Joe Romano

18:00–18:30

Gravitational Waves from Chiral Plasma Instability in Standard Cosmology**Speaker**

Andrew Long

18:30–18:40

Talkitos

18:40–21:00

Dinner reception

21:00