

Session Program

8-12 Sept 2026



Cosmic Rhythms

Baryonic Physics & Feedback I

CBPF, Auditório Ministro João Alberto Lins e Barros
Rua Dr. Xavier Sigaud, 150 - Urca Rio de Janeiro - RJ - Brasil CEP: 22290-180

Wednesday 9 September

09:30

Baryonic Physics & Feedback I

Session |

Location: CBPF, Auditório Ministro João Alberto Lins e Barros, Rua Dr. Xavier Sigaud, 150 - Urca Rio de Janeiro - RJ - Brasil CEP: 22290-180

09:30–10:00

Alexandra Amon: Impact of Baryons for WL

Speaker

Alex Amon

10:00–10:15

Calibration of baryonic effects using joint modeling of weak lensing, Sunyaev-Zel'dovich effects and galaxies

Speaker

Shivam Pandey

10:15–10:30

Constraining baryonic physics in shear analyses using the kSZ power spectrum

Speaker

Lea Harscouet

10:30–11:00

Coffee break

11:00–11:15

Towards robust cross-correlations of LSS with X-ray observations

Speaker

Jozef Bucko

11:15–11:30

Baryonified Lightcones: A Unified Framework for LSS-CMB Cross-Correlation Cosmology

Speaker

Michael Kovac

11:30–11:45

Toward a consensus picture of baryon feedback: Joint X-ray, Sunyaev-Zeldovich, and weak lensing measurements

Speaker

Jared Siegel Siegel

11:45–12:00

A robust view of feedback in the TNG model

Speaker

Francisco Germano Maion

12:00–12:30

Questions

12:30