

Session Program

8-12 Sept 2026



Cosmic Rhythms

Large scale structure III

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

Saturday 12 September

09:00

Large scale sctructure III

Session |

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

09:00–09:15

Environmental dependent clustering in modified gravity simulations

Speaker

Joaquin Armijo

09:15–09:30

Cosmology with Galaxies and Quasars in narrow-band large-sky surveys

Speakers

Dr Lilianne Nakazono, Lilianne Nakazono

09:30–09:45

Detection of cosmological dipoles aligned with transverse velocities

Speaker

Yan-Chuan Cai

09:45–10:00

UltraLevin: A NumCosmo Algorithm for Efficient Non-Limber Angular Power Spectrum Computation

Speaker

Sandro Dias Pinto Vitenti

10:00–10:30

Questions

10:30

14:00

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14:00–14:15

Intrinsic Alignments Around Cosmic Voids: Insights from the Euclid Flagship Simulation

Speaker

Pauline VIELZEUF

14:15–14:30

The shape of emptiness: improving the signal from cosmic voids using reconstruction

Speaker

Giulia DEGNI

14:30–14:45

How to measure cosmology from nothing: void-galaxy cross-correlation with DESI

Speaker

Katayoon GHAEMI

14:45-15:00

Measuring cosmic bulk flow with kinetic Sunyaev-Zel'dovich (kSZ) velocity reconstruction

Speaker

Suroor Seher Gandhi

15:00-15:20

Questions

15:30