

## Session Program

8-12 Sept 2026



## Cosmic Rhythms

### *Primordial non-Gaussianity*

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

# Thursday 10 September

11:00

## Primordial non-Gaussianity

### Session

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

### 11:00-11:15 SPHEREx Overview and Status

#### Speaker

Howard Hui

11:15-11:30

### The SPHEREx All-Sky Galaxy Catalog: Probing Primordial Non-Gaussianity and Synergy Opportunities

#### Speaker

Yun Ting Cheng

11:30-11:45

### Colliders in the Sky: Constraining High-Energy Physics with CMB and LSS Observations

#### Speaker

Oliver Philcox

11:45-12:00

### Primordial non-Gaussianity from LSS and its cross-correlations: status and prospects

#### Speaker

Dr Jose Bermejo

12:00-12:15

### Primordial non-gaussian bias from the time evolution of tracer number counts

#### Speaker

Caio B. de S. Nascimento

12:15-12:30

### Updates on the Search for Cosmic Topology (COMPACT Collaboration)

#### Speaker

Dr Thiago Pereira

12:30-13:00

### Questions

13:15