

## Session Program

8-12 Sept 2026



## Cosmic Rhythms

### ***Dark energy and modified gravity***

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

# Tuesday 8 September

14:00

## Dark energy and modified gravity

**Session** |

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

14:00–14:30

### Gravity in the Era of Stage IV LSS Surveys

**Speaker**

Alessandra Silvestri

14:30

16:30

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16:30–16:45

### Constraining dark sector models with galaxy clustering and the CMB

**Speakers**

Francesco Verdiani, Francesco Verdiani

16:45–17:00

### Microphysics of Dynamical Dark Energy

**Speaker**

João Victor Silva Rebouças

17:00–17:15

### The distribution and nature of dark matter

**Speaker**

Richard Massey

17:15–17:30

### A New Public Framework for Testing Gravity with Full-Shape Galaxy Clustering

**Speakers**

Cristhian Garcia Quintero, Rafaela Gsponer

17:30–17:45

### What drives a high growth index? Insights from dark energy and varying G.

**Speaker**

Ronaldo Batista

17:45–18:00

### Non-linear matter power spectrum for interacting dark sector models

**Speaker**

Rodrigo von Marttens

18:30

18:00–18:30

### Questions