



**ICTP  
SAIFR**

International Centre  
for Theoretical Physics  
South American Institute  
for Fundamental Research

# LATIN AMERICAN WORKSHOP ON OBSERVATIONAL COSMOLOGY

**December 14-18, 2020**  
by videoconference

## PRELIMINARY LIST OF SPEAKERS

**Martin Crocce** (I. of Space Sciences-Barcelona, Spain)  
**Alex Drlica-Wagner** (Fermilab, USA)  
**Pedro Ferreira** (Oxford U., UK)  
**Carlos Frenk** (Durham U., UK)  
**Christopher Hirata** (Ohio State U., USA)  
**Daniel Holz** (KICP & U. of Chicago, USA)  
**Mustapha Ishak-Boushaki** ( U. of Texas at Dallas, USA)  
**Marc Kamionkowski** (Johns Hopkins U., USA)  
**Elisabeth Krause** (U. of Arizona, USA)  
**Jorge Noreña** (PUC-Valparaíso, Chile)  
**Roman Scoccimarro** (New York U., USA)  
**David Spergel** (Center for Computational Astrophysics, Flatiron I.-New York, USA)  
**Licia Verde** (I. of Cosmological Sciences-Barcelona, Spain)  
**Benjamin Wandelt** (I. Langrange de Paris, France)  
**Matías Zaldarriaga** (I. for Advanced Studies – Princeton, USA)

Each day of the event will consist of two discussion sessions focused on pre-recorded presentations by guest speakers. The speakers will make a summary at the beginning of each session to contextualize their presentation and start the discussion.

The workshop will cover topics such as: large-scale structure (theory and observations), gravitational lensing, tensions in cosmology, clusters, radio cosmology, dark matter and neutrinos, dark energy and modified gravity, and machine learning techniques.

*There is no registration fee.*

**Registration deadline:**  
**December 6, 2020**

**Online registration and more information:**  
**<http://ictp-saifr.org/lawoc2020/>**



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