



ICTP
SAIFR

International Centre for Theoretical Physics
South American Institute for Fundamental Research

Campus of IFT-UNESP - São Paulo, Brasil



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Structure Formation in the Universe



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Cosmology from Large Galaxy Surveys



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(New York U., USA)

*Physics of the Cosmic
Microwave Background*



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Cosmology from Gravitational Waves



VALERIE DOMCKE

(CERN, Switzerland)

Inflation and the Origin of Perturbations



PEDRO FERREIRA

(Oxford U., UK)

Testing Beyond Λ CDM Models

**January 18-29, 2021
(by videoconference)**

**IV JOINT ICTP-TRIESTE/
ICTP-SAIFR SCHOOL
ON COSMOLOGY:
CHALLENGES FOR
THE STANDARD
COSMOLOGICAL MODEL**

In this IVth Edition of the School, in addition to the standard topics we would like to focus on some recent challenges in Cosmology: the recent developments concerning tensions in the standard cosmological model, the modelling and testing of fundamental physics on nonlinear scales and the use of gravitational waves to test cosmology.

There is no registration fee.

Application deadline: January 10, 2021

Online application and more information:

www.ictp-saifr.org/cosmo2021



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