

# Summer School on Cosmology 2020



**11- 22 May 2020**  
**Trieste, Italy**

Further information:  
<http://indico.ictp.it/event/9112/>  
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The purpose of the School is to provide an introduction to the current state of research in cosmology and astroparticle physics. It is intended for beginning graduate students, as well as more senior non-expert researchers interested in the field. During the School, the 2019 Dirac Medal Award Ceremony will take place to honor the contributions of V. Mukhanov, A. Starobinsky and R. Sunyaev.

## Topics:

- CMB
- Dark Energy
- Dark Matter
- Gravitational Waves
- Inflation
- Introduction to Cosmology
- Large Scale Structure
- Statistical Methods in Cosmology

## Organizers:

P. CREMINELLI, ICTP  
M. MIRBABAYI, ICTP  
R. SHETH, UPenn

## Lecturers Include:

Y. ALI-HAIMOUD, NYU  
C. CAPRINI, APC, Paris  
V. DOMCKE, DESY, CERN & EPFL  
N. KAISER, ENS  
M. LOVERDE, Stony Brook  
R. TROTTA, SISSA  
F. VERNIZZI, IPhT, Saclay  
C. WENIGER, Amsterdam

## How to apply:

Online application:  
<http://indico.ictp.it/event/9112/>

Female scientists are encouraged to apply.

## Grants:

A limited number of grants are available to support the attendance of selected participants, with priority given to participants from developing countries. There is no registration fee.

## Deadline:

**1 March 2020**

