

# Summer School on Cosmology 2022



**4 - 15 July 2022**  
**An ICTP Hybrid Meeting**  
**Trieste, Italy**

Further information:  
<http://indico.ictp.it/event/9810/>  
[smr3720@ictp.it](mailto:smr3720@ictp.it)

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 2021 Dirac Medal Ceremony will take place to honor the contributions of A. Buonanno, T. Damour, F. Pretorius, and S. Teukolsky to the field of gravitational waves.

## Topics:

- CMB
- Dark Energy
- Gravitational Waves
- Inflation
- Statistical Methods in Cosmology
- Structure Formation

## Organisers:

**R. SHETH**, University of Pennsylvania, USA  
**P. CREMINELLI**, ICTP, Italy  
**M. MIRBABAYI**, ICTP, Italy

## Speakers include:

**A. BUONANNO**, Max Planck Institute for Gravitational Physics, Germany  
**T. DAMOUR**, Institut des Hautes Études Scientifiques (IHÉS), France  
**O. DORÉ**, Jet Propulsion Laboratory/ Caltech, USA  
**M. PELOSO**, Padua University, Italy  
**F. PRETORIUS**, Princeton University, USA  
**B. SHERWIN**, University of Cambridge, UK  
**S. TEUKOLSKY**, Caltech and Cornell University, USA  
**R. TROTTA**, SISSA, Italy and Imperial College London, UK  
**F. VERNIZZI**, IPHT, CEA, France

## How to apply:

Online application:  
<http://indico.ictp.it/event/9810/>

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.

## Deadlines:

**1 May 2022**

Applications needing financial support and/or visa

**15 June 2022**

All other applications

