



The Abdus Salam  
**International Centre  
for Theoretical Physics**



# Summer School on Cosmology

## DESCRIPTION:

This school provides 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.

## LECTURERS AND TOPICS:

Inflation

V. Domcke, CERN, Switzerland

CMB

M. Madhavacheril, University of Pennsylvania, USA

Large Scale Structure 1

M. Simonović, CERN, Switzerland

Gravitational Waves

T. Nerella, California Institute of Technology, USA

Dark Matter

T.T. Yu, University of Oregon, USA

Large Scale Structure 2

S. Alam, TIFR, India



**29 June - 10 July 2026**



**Trieste, Italy**



**Deadline:  
31 March 2026**

## DIRECTORS:

P. Creminelli, ICTP, Italy

R. K. Sheth, University of Pennsylvania, USA

## LOCAL ORGANISER:

M. Mirbabayi, ICTP, Italy

## FURTHER INFORMATION:

E-mail: [smr4223@ictp.it](mailto:smr4223@ictp.it)

Web: <http://indico.ictp.it/event/11149/>

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.

