



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



# Spring School on Superstring Theory and Related Topics

## DESCRIPTION:

ICTP's annual Spring School on Superstring Theory and Related Topics provides pedagogical treatment of those subjects through lectures by some of the world's top string and quantum field theorists. The activity is intended for theoretical physicists or mathematicians with knowledge of quantum field theory, general relativity, and string theory.

## SPEAKERS AND TOPICS:

**Zohar Komargodski,**  
Simons Center for Geometry and Physics  
Extended operators and defects in quantum field theory

**Kantaro Ohmori,**  
Tokyo University  
(Higher) representation theory and excitations

**Herman Verlinde,**  
Princeton University  
Double scaled SYK and de Sitter holography



**31 March - 4 April 2025**



**Trieste, Italy**

## Application and Deadlines:

The deadline for applicants requesting financial and/or visa support is:

**15 January 2025**

The deadline for all other applicants is:

**28 February 2025.**



## DIRECTORS:

Bobby Acharya, ICTP  
Francesco Benini, SISSA  
Pavel Putrov, ICTP

## LOCAL ORGANISER:

Agnese Bissi, ICTP

## FURTHER INFORMATION:



E-mail: [smr4062@ictp.it](mailto:smr4062@ictp.it)

Web: <https://indico.ictp.it/event/10827/>

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.

