

Summer School on Particle Physics



19 - 30 June 2023
An ICTP meeting
Trieste, Italy

Further information:
<http://indico.ictp.it/event/10182/>
smr3848@ictp.it

The goal of the school is to give a detailed overview of particle physics from the basics of Standard Model phenomenology to the most important areas where significant progress has been achieved recently.

The school is especially targeted to PhD students in high energy physics, but qualified MSc students in their last year as well as young postdocs can also apply.

Lecture Topics:

- Standard Model
- QCD at Colliders
- Cosmology
- Beyond the Standard Model
- Dark Matter
- Physics of Dark Sectors
- Amplitudes and EFT techniques

Directors:

J. ELIAS MIRO, ICTP
P. GRAHAM, Stanford University
R. RATTAZZI, EPFL
G. VILLADORO, ICTP

Local Organizer:

G. VILLADORO, ICTP

Confirmed Lecturers:

C. CHEUNG, Caltech
T. COHEN, CERN and EPFL
L. COVI, Göttingen University
J. MARCH-RUSSELL, Oxford University
P. NASON, Bicocca University, Milan
R. SUNDRUM, Maryland University

How to apply:

Online application:
<http://indico.ictp.it/event/10182/>

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:

31 March 2023

for applicants requesting financial and/or visa support

26 May 2023

for all other applicants



The Abdus Salam
International Centre
for Theoretical Physics
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Trieste, Italy

