

Summer School on Particle Physics



31 May - 11 June 2021
An ICTP Virtual Meeting
Trieste, Italy

Further information:
<http://indico.ictp.it/event/9538/>
smr3560@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.

Directors:

N. J. CRAIG, UC Santa Barbara
A. ROMANINO, SISSA
K. ZUREK, CALTECH

Lecturers and topics:

N. ARKANI-HAMED (IAS Princeton) - Physics at Future Colliders
C. BOEHM (Sydney University) - Astroparticle Physics
M. CACCIARI (LPTHE and Université de Paris) - QCD Physics for Colliders
V. DOMCKE (CERN and EPFL) - Gravitational Waves from the Early Universe
S. GORI (UC, Santa Cruz) - Standard Model
Y. HOCHBERG (Hebrew University) - Non-WIMP Dark Matter Models
T. LIN (UC, San Diego) - New Directions for Dark Matter Searches
I. ROTHSTEIN (Carnegie Mellon University) - Effective Field Theory for Gravitational Waves

Local Organisers:

J. ELIAS-MIRÓ, ICTP
G. VILLADORO, ICTP

How to apply:

Online application:
<http://indico.ictp.it/event/9538/>

Female scientists are encouraged to apply.

Registration:

There is no registration fee.

Deadline:

23 May 2021



The Abdus Salam
International Centre
for Theoretical Physics
www.ictp.it
Trieste, Italy

