



# Winter School of Particle Physics **2023**



**15-20 January 2023**  
Hotel Regina Terme,  
Leukerbad, Switzerland

# **WELCOME**

**Prof. Annapaola de Cosa (ETH)**  
**Prof. Lesya Shchutska (EPFL)**

**15-20 January 2023 - Hotel Regina Terme, Leukerbad, Switzerland**

<https://indico.cern.ch/event/1197923/>

## **SCIENTIFIC PROGRAM:**

Collider Physics (Tobias Golling - UniGe)

Detectors (Anna Macchiolo, UZH)

Low Energy physics (Paolo Crivelli - ETHZ )

Neutrino Physics (Alain Blondel - UniGe and LPNHE Paris)

Flavour Physics (Andreas Crivellin - PSI and UZH)

Machine Learning in Particle Physics (Federico Meloni- DESY)

Astroparticle Physics (Andrii Neronov - APC Paris and EPFL)



## Timetable

- **Lectures** will take place in the morning (**8:00-11:30**) and in the afternoon (**16:30-19:30**)
- **Coffee breaks**: coffee and tea will be served outside the seminar room
- **Lunch** at **11:30** and **dinner** at **19:30**
- **Afternoon break** for you to relax, reflect on the lectures, network with your colleagues
  - Ski shuttle is organised for us - need to be subscribed at the reception
  - Spa is also accessible
  - Other activities available: Exposition by Martin Engler “Water is life” at the Galerie St. Lauren, Leukerbad centre

## Your presentations

- **Tuesday, Wednesday and Thursday after dinner and Friday morning** will be dedicated to your presentations
  - 7 minutes (+ 3 min for questions) to talk about your research project :)