

Session Program

August 29, 2022 to September 2, 2022



SSP2022

**8th International Symposium on Symmetries
in Subatomic Physics (SSP2022)**

Fundamental interactions

Mon, August 29

2:00 PM

Fundamental interactions: Double beta-decay

Session | **Location:** University of Applied Arts Vienna Vordere Zollamtsstraße 7 1030 Vienna

2:00 - 2:25 PM

Double-beta decay and test of fundamental symmetries

Speaker

Prof. Sabin Stoica

2:25 - 2:50 PM

Final results of the neutrinoless double-beta decay search with GERDA

Speaker

Mr Mario Schwarz

2:50 PM

Wed, August 31

2:30 PM

Fundamental interactions: Neutrons

Session | **Location:** University of Applied Arts Vienna Vordere Zollamtsstraße 7 1030 Vienna | **Convener:** Hirohiko Shimizu

3:00 PM

2:30 - 3:00 PM

Gravity studies with neutrons

Speaker

Hartmut Abele

Thu, September 1

11:00 AM

Fundamental interactions: QED&QCD

Session | **Location:** University of Applied Arts Vienna Vordere Zollamtsstraße 7 1030 Vienna | **Convener:** Chiara Mariotti

11:00 - 11:30 AM

The search for axion dark matter with a dielectric haloscope: MADMAX

Speakers

Bela Majorovits, Bela Alexander Majorovits

11:30 AM - 12:00 PM

LUXE: A new experiment to study non-perturbative QED in electron-LASER and photon-LASER collisions

Speaker

Gianluca Sarri

12:00 PM

1:30 PM

Fundamental interactions: Masses

Session | **Location:** University of Applied Arts Vienna Vordere Zollamtsstraße 7 1030 Vienna | **Convener:** Ralf Lehnert

1:30 - 2:00 PM

Origin of the Proton Mass

Speaker

Craig Roberts

2:00 PM

Fri, September 2

9:00 AM

Fundamental interactions: Lorentz invariance

Session | **Location:** University of Applied Arts Vienna Vordere Zollamtsstraße 7 1030 Vienna | **Convener:** Martin Simon

9:30 AM

9:00 - 9:30 AM

Symmetry tests with clocks

Speaker

Ekkehard Peik