

Session Program

August 30, 2021 to September 3, 2021



Joint Annual Meeting of ÖPG and SPS 2021

Plenary Session

University of Innsbruck
Technikerstr. 25, Viktor-Franz-Hess-Haus, AT-6020 Innsbruck

Tue, August 31

10:10 AM

Plenary Session: I

Session | Location: Room A

10:10 - 10:50 AM

1 Where Physics Meets Chemistry: Surfaces at the Atomic Scale

Speaker

Ulrike Diebold

10:50 - 11:30 AM

2 The first image of a black hole

Speaker

Luciano Rezzolla

11:30 AM

Wed, September 1

9:00 AM

Plenary Session: II

Session | Location: Room A

9:00 - 9:40 AM

3 Secure information and communication with quantum technologies

Speaker

Prof. Hugo Zbinden

9:40 - 10:20 AM

4 Energy Transition in Austria - Perspectives from a Utility as a Critical Lever

Speaker

Brigitte Bach

10:20 AM

12:00 PM

Plenary Session

Session | Location: Room A

12:00 - 12:30 PM

5 From discrete quasicrystalline to continuous Lie symmetries in cavity QED

Speaker

Farokh Mivehvar

12:30 - 1:00 PM

6 An adventure along Free Electron Laser development

Speaker

Dr Marie-Emmanuelle Couprie

1:00 PM

Thu, September 2

9:00 AM

Plenary Session: III

Session | Location: Room A

9:00 – 9:40 AM

8 Physics & Education - Perspectives from Particle Physics

Speaker

Hans Peter Beck

9:40 – 10:20 AM

9 Science and its Publics: the Case of Physics

Speaker

Prof. Martina Merz

10:20 AM

10:50 AM

Plenary Session

Session | Location: Room A

10:50 – 11:30 AM

10 The Future Circular Collider Feasibility Study

Speaker

Michael Benedikt

11:30 AM – 12:00 PM

11 Neural Network Quantum States

Speaker

Kenny Choo

12:00 – 12:15 PM

12 Needle-like organic crystals on two dimensional materials

Speaker

Dr Aleksandar Matković

12:15 – 12:30 PM

13 ^{233}U / ^{236}U signature allows to distinguish thermal reactor emissions from weapons fallout in the environment.

Speaker

Karin Hain

12:30 – 1:00 PM

14 Review of the flavour anomalies at LHCb

Speaker

Patrick Haworth Owen

1:00 PM

Fri, September 3

9:00 AM

Plenary Session: IV

Session | Location: Room A

9:00 - 9:40 AM

15 The Atmospheres of Exoplanets: Albedos and Phase Curves of Celestial Bodies

Speaker

Prof. Kevin Heng

9:40 - 10:20 AM

16 Active Sensorineural Implants - from research to application

Speaker

Dr Anandhan Dhanasingh

10:20 AM