

Session Program

Mar 13 - 15, 2024



11th KSETA Plenary Workshop 2024

Plenary Meeting

Haus Saron in Wildberg
Saronweg 31 72218 Wildberg

Wed, March 13

11:00 AM

Plenary Meeting

Session | **Location:** Haus Saron in Wildberg, Saronweg 31 72218 Wildberg

11:00 – 12:00 **Welcome**

Speaker

Ulrich Nierste

12:00 PM

2:00 PM

Plenary Meeting

Session | **Location:** Haus Saron in Wildberg, Saronweg 31 72218 Wildberg

14:00 – 14:30

Radio Frequency Electronics for Scalable Superconducting Quantum Circuit Interfacing

Speaker

Robert Gartmann

14:30 – 15:00

BSM search for di-Higgs production in $\tau\tau+bb$ final states with the CMS experiment

Speaker

Nikita Shadskiy

3:00 PM

3:30 PM

Plenary Meeting

Session | **Location:** Haus Saron in Wildberg, Saronweg 31 72218 Wildberg

15:30 – 16:30 **Galactic cosmic rays**

Speaker

Stefano Gabici

16:30 – 17:00 **Neural Networks for Cosmic Ray Simulations**

Speaker

Pranav Sampathkumar

17:00 – 17:30

System and Integration Tests with CMS Phase-2 Outer Tracker Module Prototypes

Speaker

Lea Stockmeier

5:30 PM

Thu, March 14

9:00 AM

Plenary Meeting

Session | Location: Haus Saron in Wildberg, Saronweg 31 72218 Wildberg

09:00 – 10:00 The Quest for the Axion

Speaker

Andreas Ringwald

10:00 AM

10:30 AM

Plenary Meeting

Session | Location: Haus Saron in Wildberg, Saronweg 31 72218 Wildberg

10:30 – 11:00

Enhancing the Phase Space for the Analysis of Inclusive Hbb Production Through Trigger-Level Analysis at the CMS Experiment

Speaker

Adelina Lintuluoto

11:00 – 12:00

Laser-Plasma Accelerators: Particle Acceleration in a Nutshell

Speaker

Matthias Fuchs

12:00 PM

1:30 PM

Plenary Meeting

Session | Location: Haus Saron in Wildberg, Saronweg 31 72218 Wildberg

14:00 – 14:30

Tritium sorption on the KATRIN Rear Wall: Effects, Dynamics and Mitigation

Speaker

Max Aker

3:00 PM

Fri, March 15

9:00 AM

Plenary Meeting

Session | **Location:** Haus Saron in Wildberg, Saronweg 31 72218 Wildberg

09:00 – 10:00 **Precision prediction for the LHC**

Speaker

Giulia Zanderighi

10:00 AM

10:30 AM

Plenary Meeting

Session | **Location:** Haus Saron in Wildberg, Saronweg 31 72218 Wildberg

10:30 – 11:00 **Precision measurement of vibrational transitions in HT**

Speaker

Valentin Hermann

11:00 – 12:00 **Field Theory Tools for Gravitational Wave Physics (online)**

Speaker

Gregor Kälin

12:00 PM

1:30 PM

Plenary Meeting

Session | **Location:** Haus Saron in Wildberg, Saronweg 31 72218 Wildberg

13:30 – 14:30 **Human Brain Project and the EBRAINS Research Infrastructure**

Speaker

Wouter Klijn

14:30 – 15:00 **Search for Inelastic Dark Matter with a Dark Higgs at Belle II**

Speaker

Patrick Ecker

3:00 PM

3:30 PM

Plenary Meeting

Session | **Location:** Haus Saron in Wildberg, Saronweg 31 72218 Wildberg

15:30 – 16:30 **Evaluation and closing**

4:30 PM