

Session Program

Jul 8 - 12, 2024

**22nd International Symposium on Very High
Energy Cosmic Ray Interactions (ISVHECRI
2024)**

Invited talks

Fiesta Americana
Puerto Vallarta

Mon, July 8

10:00 AM

Invited talks

Session | **Location:** Fiesta Americana, Puerto Vallarta | **Convener:** KAREN SALOME CABALLERO MORA

10:00 - 10:30 AM **Results from the telescope array**

Speaker

Dr John Matthews

10:30 - 11:00 AM **Recent Results from the HAWC Gamma Ray Observatory**

Speaker

Daniel Omar Avila Rojas

11:00 AM

11:30 AM

Invited talks

Session | **Location:** Fiesta Americana, Puerto Vallarta | **Convener:** Karl-Heinz Kampert

11:30 AM - 12:00 PM **The status and overview of LHAASO [Online]**

Speaker

Shoushan Zhang

12:00 - 12:30 PM

Recent Results of sub-PeV Gamma Ray Observation with the Tibet ASgamma Experiment

Speaker

Dr Kazumasa Kawata

12:30 - 1:00 PM **Soft QCD review [Online]**

Speaker

Peter Skands

1:00 PM

3:00 PM

Invited talks

Session | **Location:** Fiesta Americana, Puerto Vallarta | **Convener:** Ralph Engel

3:00 - 3:30 PM **Recent results from GRAPES-3 [Online]**

Speaker

Mohamed Rameez

3:30 - 4:00 PM

Exploring the Cosmic Frontiers: IceCube's Update on Neutrinos and Cosmic Rays

Speaker

Matthias Plum

4:00 - 4:30 PM

A new air shower array in the Southern Hemisphere looking for the origins of Cosmic rays: the ALPACA experiment

Speaker

Dr Marcos Anzorena

4:30 PM

Tue, July 9

9:00 AM

Invited talks

Session | **Location:** Fiesta Americana, Puerto Vallarta | **Convener:** Lukas Nellen

9:00 – 9:30 AM

Strange Hadrons in Underlying- Events, Measured in Proton- Proton Collisions at = 13 TeV with the ATLAS Detector

Speaker

Fares Djama

9:30 – 10:00 AM

Status and Prospects of the LHCf experiment [Online]

Speaker

Hiroaki Menjo

10:00 AM

2:30 PM

Invited talks

Session | **Location:** Fiesta Americana, Puerto Vallarta | **Convener:** Antonella Castellina

2:30 – 3:00 PM

Overview on ALICE highlights and synergy with cosmic rays

Speaker

Mario Rodriguez Cahuantzi

3:00 – 3:30 PM

Astroparticle Physics with the Forward Physics Facility

Speaker

Dennis Soldin

3:30 PM

4:40 PM

Invited talks

Session | **Location:** Fiesta Americana, Puerto Vallarta | **Convener:** Eduardo de la Fuente Acosta

4:40 – 5:10 PM

A combined analysis from the WHISP working group on the muon data from ten extensive air shower experiments [Online]

Speaker

Juan Carlos Arteaga

5:10 PM

Wed, July 10

9:00 AM

Invited talks

Session | **Location:** Fiesta Americana, Puerto Vallarta | **Convener:** Sergey Ostapchenko

9:00 – 9:30 AM

NA61/SHINE is a fixed target experiment designed to study hadron-hadron interactions at the CERN Super-Proton-Synchrotron

Speaker

Ralph Engel

9:30 – 10:00 AM

Probing Astroparticle and Particle physics at the Pierre Auger Observatory: highlights and perspective

Speaker

Antonella Castellina

10:00 AM

4:30 PM

Invited talks

Session | **Location:** Fiesta Americana, Puerto Vallarta | **Convener:** Dennis Soldin

4:30 – 5:00 PM

Status of the Hyper-K Experiment, and Mexican contributions so far

Speaker

Saul Cuen Rochin

5:00 – 5:30 PM

CORSIKA 8: particle cascades beyond air showers

Speaker

Lukas Nellen

5:30 PM

Thu, July 11

9:00 AM

Invited talks

Session | **Location:** Fiesta Americana, Puerto Vallarta | **Convener:** Hiroaki Menjo

9:00 – 9:30 AM **SIBYLL**

Speaker

felix riehn

9:30 – 10:00 AM **CMS highlights**

Speaker

Isabel Pedraza

10:00 AM

2:30 PM

Invited talks

Session | **Location:** Fiesta Americana, Puerto Vallarta | **Convener:** Juan Carlos Arteaga

2:30 – 3:00 PM **EPOS4 What are the new concepts? [Online]**

Speaker

Klaus WERNER

3:00 – 3:30 PM **FLUKA [Online]**

Speaker

Alfredo Ferrari

3:30 PM

Fri, July 12

9:00 AM

Invited talks

Session | **Location:** Fiesta Americana, Puerto Vallarta | **Convener:** Dr Jose Rodrigo Sacahui Reyes

9:00 - 9:30 AM

QGSJET-III: predictions for extensive air shower characteristics and the corresponding uncertainties

Speaker

Sergey Ostapchenko

9:30 - 10:00 AM

Progress on modeling atmospheric leptons at the surface and underground using MCEq; and CHROMO [Online]

Speaker

Anatoli Fedynitch

10:00 AM