

Session Program

8-12 Jul 2024

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

Invited talks

Fiesta Americana
Puerto Vallarta

Monday 8 July

10:00

Invited talks

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

10:00–10:30 **Results from the telescope array**

Speaker

Dr John Matthews

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

Speaker

Daniel Omar Avila Rojas

11:00

11:30

Invited talks

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

11:30–12:00 **The status and overview of LHAASO [Online]**

Speaker

Shoushan Zhang

12:00–12:30

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

Speaker

Dr Kazumasa Kawata

12:30–13:00 **Soft QCD review [Online]**

Speaker

Peter Skands

13:00

15:00

Invited talks

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

15:00–15:30 **Recent results from GRAPES-3 [Online]**

Speaker

Mohamed Rameez

15:30–16:00

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

Speaker

Matthias Plum

16:00–16:30

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

Speaker

Dr Marcos Anzorena

16:30

Tuesday 9 July

09:00

Invited talks

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

09:00–09:30

Strange Hadrons in Underlying- Events, Measured in Proton- Proton Collisions at $\sqrt{s} = 13$ TeV with the ATLAS Detector

Speaker

Fares Djama

09:30–10:00

Status and Prospects of the LHCf experiment [Online]

Speaker

Hiroaki Menjo

10:00

14:30

Invited talks

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

14:30–15:00

Overview on ALICE highlights and synergy with cosmic rays

Speaker

Mario Rodriguez Cahuantzi

15:00–15:30

Astroparticle Physics with the Forward Physics Facility

Speaker

Dennis Soldin

15:30

16:40

Invited talks

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

16:40–17:10

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

Speaker

Juan Carlos Arteaga

17:10

Wednesday 10 July

09:00

Invited talks

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

09:00–09:30

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

Speaker

Ralph Engel

09:30–10:00

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

Speaker

Antonella Castellina

10:00

16:30

Invited talks

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

16:30–17:00

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

Speaker

Saul Cuen Rochin

17:00–17:30

CORSIKA 8: particle cascades beyond air showers

Speaker

Lukas Nellen

17:30

Thursday 11 July

09:00

Invited talks

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

09:00–09:30 **SIBYLL**

Speaker

felix riehn

10:00

09:30–10:00 **CMS highlights**

Speaker

Isabel Pedraza

14:30

Invited talks

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

14:30–15:00 **EPOS4 What are the new concepts? [Online]**

Speaker

Klaus WERNER

15:30

15:00–15:30 **FLUKA [Online]**

Speaker

Alfredo Ferrari

Friday 12 July

09:00

Invited talks

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

09:00–09:30

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

Speaker

Sergey Ostapchenko

09:30–10:00

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

Speaker

Anatoli Fedynitch

10:00