

ISVHECRI 2024: First Circular (Call for Abstracts)

February 5, 2024

Dear Colleagues,

On behalf of the Local Organizing Committee (LOC), I am pleased to inform you that the 22nd International Symposium on Very High Energy Cosmic Ray Interactions (ISVHECRI 2024) will be hosted by a collaboration between Mexican institutions that are members of the HAWC Observatory (CONAHCyT Mexican National Laboratory), coordinated by researchers from the Universidad de Guadalajara (UdeG) and the Instituto Tecnológico de Estudios Superiores de Monterrey (ITESM, campus Guadalajara) in cooperation. The event will be held from July 8 to 12, 2024 at Hotel Fiesta Americana in Puerto Vallarta, Jalisco, Mexico, in a hybrid format.

The ISVHECRI is a biennial symposium series sponsored by the International Union of Pure and Applied Physics (IUPAP), and organized via the commission on Astroparticle physics (C4). The main objective of this symposium series is to provide a suitable forum to discuss very high energy interactions for the interpretation of cosmic ray data based on the information available from both accelerator and cosmic ray experiments. We invite you to attend the symposium and contribute to its program. The details are provided below. This is the first time ISVHECRI is held in Mexico looking to benefit Latin-America and Caribbean countries.

Date: July 8-12, 2024

Venue: Hotel Fiesta Americana, Puerto Vallarta, Jalisco, México

Website: <https://indico.cern.ch/event/1323265/>

E-mail: isvhecri2024@gmail.com

Format: Hybrid (face to face and online)

Preliminary Symposium Topics:

- High energy astroparticle physics results relevant to particle physics
- Gamma Ray Astrophysics and Astroparticles
- Accelerator experiments relevant to cosmic ray physics
- Space experiment results relevant to high energy interactions
- Exotic phenomena and searches for new physics beyond SM
- LHC pp & heavy ion physics at LHC

- Cross-sections and interaction models
- High energy neutrinos and muons, including muon puzzle
- Simulation tools for cosmic ray and neutrino physics
- Multi-messenger cosmic ray observations and interpretations
- Future accelerators and cosmic ray experiments

Important dates:

01 Feb 2024: Opening of registration and abstract submission

31 Mar 2024: Deadline for abstract submission

15 May 2024: Announcement of decision on abstracts

31 May 2024: Deadline for early registration

08 Jul 2024: Commencement of symposium

12 Jul 2024: Conclusion of symposium

Scientific program and abstract submission:

The Symposium will consist of invited and contributed talks as well as posters.

Registration and payment of fees: The registration process involves creation of an 'Indico' account on the server.

See WebPage for details

Accommodation

Option 1 (**In Fiesta Americana as congressman**): Fiesta Americana hotel is offering a special package via pulso-eventos agency (reservaciones1@pulsoeventos.com) that includes accommodation in an all inclusive plan, with the registration Fee included in the accommodation fare. **Cost in Mexican Pesos (MXN).**

Option 2 (**As a vacationer in Fiesta Americana, or lodge in another hotel or place**): Payment and reservations by the participant, paying the registration Fee. The difference between congressman and vacationer in Fiesta Americana is that congressman make reservations and payments via pulso-eventos agency, and vacationer no (booking, Fiesta Americana webpage, other platforms or hotel services).

See WebPage for details

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ATN

Eduardo de la Fuente Acosta
Convener of LOC