

ISVHECRI 2024: Second Circular

March 15, 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 cooperation between Mexican institutions that are members of the HAWC Observatory (CONAHCyT Mexican National Laboratory), led by researchers from the Universidad de Guadalajara (UdeG), including the cuerpo académico UDG-CA 499 of the Centro Universitario de Ciencias Exactas e Ingenierías (CUCEI), the Centro Universitario del Sur (CUSUR), the Centro Universitario de Ciencias Económico Administrativas (CUCEA), and Centro de Análisis de Datos y Supercómputo (CADS), in collaboration with the Instituto Tecnológico de Estudios Superiores de Monterrey (ITESM), campus Guadalajara. This event will take place from July 8 to 12, 2024 at the Hotel Fiesta Americana in Puerto Vallarta, Jalisco, Mexico, in hybrid mode.

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 forward 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/> (for info, abstracts submission, fee payments)
<http://cusur.udg.mx/22th-symposium/>

E-mail: isvhecric2024@gmail.com

Mode: Hybrid (In person and online)

Status: **Open for submission of abstracts and fee payments via indico**

1. 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

2. 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

3. SCIENTIFIC PROGRAM AND ABSTRACT SUBMISSION:

The Symposium will consist of invited and contributed talks, as well as posters. See Indico page for more details.

4. REGISTRATION AND FEES (via Indico and Pulso Eventos Agency)

The registration process requires an account on CERN Indico server. Existing user account can be used for the registration. One can request for a new account through the CERN Indico portal. **A welcome cocktail is offered to all the participants as courtesy.**

The LOC has arranged a discounted fare for accommodation and registration fee as a combined package (OPTION 1: All included) booked through Pulso-Eventos agency (reservaciones1@pulsoeventos.com) agency.

1. FEE OPTION 1: There is a SPECIAL and PROMOTIONAL FEE for people to lodge in Fiesta Americana hotel as CONGRESSMAN via Pulso-Eventos agency registration and payment (reservaciones1@pulsoeventos.com). One exhibition payment for the whole conference. This ALL INCLUSIVE plan offers several benefits and **invoicing adaptability and flexibility in the cost breakdown.**

RATES IN MEXICAN PESOS IN A ROH-STANDARD ROOM WITH MEALS AND DRINKS INCLUDED (ALL INCLUSIVE PLAN).

- ROH room single occupancy: MXN 5,700.00 per person, per night or MXN 34,200 per person **whole meeting stay**
- ROH room double occupancy: MXN 3,400.00 per person, per night or MXN 20,400 per person **whole meeting stay**
- ROH room triple occupancy: MXN 2,900.00 per person, per night, or MXN 17,400 per person **whole meeting stay**

WHOLE MEETING STAY includes 7 DAYS and 6 NIGHTS (Check-In on July 7 and Check-Out on July 13)

UPGRADING FROM ROH-STANDARD TO FIESTA CLUB (LUXURY) IN EXECUTIVE FLOOR:

- FIESTA CLUB room single occupancy: MXN 7,600.00 per person, per night or MXN 45,600 per person **whole meeting stay**
- FIESTA CLUB room double occupancy: MXN 4,300.00 per person, per night or MXN 25,800 per person **whole meeting stay**
- FIESTA CLUB room triple occupancy: MXN 3,700.00 per person, per night or MXN 22,200 per person **whole meeting stay**

NOTES:

The difference between ROH-Standard and Luxury is the access to the Sonné Club, Breakfast at Terraza Veranda, and room on the executive floor with executives drinks and canapes.

EXTRA BENEFITS:

- A) These costs **ALSO** include **INSCRIPTION TO EVENT**, coffee break, access to the conference salon, conference dinner, badge, diploma, proceeding, and local expenses including logistic rents (salon, internet, audio/video, power, technicians, and posters boards). **No extra payment is needed.** Welcome cocktail as courtesy.

- B) **Flexibility in invoicing.** You can break down travel expenses as convenience, or get more than 1 invoice. For example if the total cost is USD 1000 and your travel expenses are 100 USD per day, you can have one invoice for USD 700 (7 days) for accommodation and food, and another one with USD 300 as fee. **Ask miss Sandra Olmedo** at reservaciones1@pulsoeventos.com for options for invoicing.
- C) These costs are valid for participants and companions during the whole event.
- D) For participants that want to stay **3 days before or after the meeting for vacations**, Fiesta Americana offer special fares in all-inclusive plan:

ROH-STANDARD ROOM (ALL INCLUSIVE PLAN):

- ROH room single occupancy MXN 5,700.00 per person, per night
- ROH room double occupancy MXN 3,400.00 per person, per night
- ROH room triple occupancy MXN 2,900.00 per person, per night

FIESTA CLUB (FC): LUXURY (ALL INCLUSIVE PLAN):

- FC room single occupancy MXN 7,600.00 per person, per night
- FC room double occupancy MXN 4,300.00 per person, per night
- FC room triple occupancy MXN 3,700.00 per person, per night

FOR THE PAYMENT OF THE FEE (OPTION 1):

See <https://indico.cern.ch/event/1323265/page/30772-fees-accommodation>

Please, download the respective form (as a hyperlink on the website above), then, mark it and fill it in according to the option, standard or luxury room. Please note that the entire stay begins on July 7 (arrival) and ends on July 13 (departure). If you wish to stay days before and after the meeting (subject to availability), please indicate these dates on the arrival and departure. Finally, send this format to Ms. Sandra Olmedo at reservaciones1@pulsoeventos.com

If you have any question or doubt, please contact Ms Sandra Olmedo at same email with cc to isvhecri2024@gmail.com

2. FEE OPTION 2: For guess staying in Fiesta Americana as VACATIONER (Reservation by own in Fiesta Americana Webpage, Booking, hotel searchers and internet), **and for guests not staying in Fiesta Americana** they need to pay early or late registration Fee via Pulso-Eventos agency (reservaciones1@pulsoeventos.com).

Early Fee: USD 350 (May, 8, 2024)

Late Fee: USD 400 (After May, 8, 2024)

This fee includes inscription, coffee break, access to conference salon at hotel (only), conference dinner, badge, diploma, proceeding, and local expenses including logistic rents (salon, internet, audio/video, power, technicians, and posters boards). Welcome cocktail as courtesy.

Students (graduate and undergraduate only) Fee for salon access, welcome cocktail, and coffee break only in Fiesta Americana: USD 220 (one exhibition payment for all the conference). **Cost for dinner: USD 50.** Payment via Pulso-Eventos agency (reservaciones1@pulsoeventos.com).

Online fee: USD 70 (one exhibition payment for all the conference). Payment via Pulso-Eventos agency (reservaciones1@pulsoeventos.com).

FOR THE PAYMENT OF THE FEE (OPTION 2 ALL MODALITIES):

See <https://indico.cern.ch/event/1323265/page/30772-fees-accommodation>

Please, download the respective form (as a hyperlink on the website above), then, mark it and fill it in according to the option. Finally, send this format to Ms. Sandra Olmedo at reservaciones1@pulsoeventos.com

You will receive a reply by email. If you do not get this email or for any question, doubt, or inconvenience, please send email **Ms. Sandra Olmedo** at reservaciones1@pulsoeventos.com. with cc to isvhecri2024@gmail.com

5. ACCOMODATION

Participants are free to book their accommodation through the internet or any agency.

However, the LOC encourages the participant to take the Fiesta Americana offer by fee payment option 1 because it includes accommodation, meals and drinks, and travel expenses can break down and/or split in the invoice(s); booked through Pulso-Eventos agency (reservaciones1@pulsoeventos.com).

For people who do not have accommodation at Fiesta Americana, participant or companion, but would like to stay at Fiesta Americana all day to eat, drink, and use the hotel facilities without leaving the hotel during meeting breaks, **a personal day pass is offered:**

Day Pass 1.- From 9:00 to 18:00 hrs: USD 75 for adults and USD 40 for children.

Day Pass 2.- From 9:00 to 23:00 hrs: USD 100 for adults, USD 55 for children

Day Pass 3.- From 18:00 to 01:00 hrs: USD 55 for adults, USD 30 for children

Day Pass includes: food, drinks, use of facilities. For companions (e.g. family) without a day pass purchased on the day of the event: Conference Dinner cost: USD 50.

6. Committees:

International Advisory Committee (IAC):

- Sunil K. Gupta, India (Chair)
- Vitalii Choutko, France
- Carola Dobrikeit, Brazil (Member, C4)
- Fiorenza Donato, Italy (Member, C4)
- Veronique Van Elewyck, France (Member, C4)
- Ralph Engel, Germany (Vice-Chair, C4)
- Jose Valdes Galicia, México
- Hongbo Hu, China
- Yoshitaka Itow, Japan
- Takaaki Kajita, Japan (Chair, C4)
- Karl-Heinz Kampert, (Chair, SPC)
- Saburo Kawakami, Japan
- Janusz Kempa, Poland
- Paolo Lipari, Italy
- Bryan Pattison, Switzerland (Editor-Publication)

Scientific Program Committee (SPC):

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- Rasha Abbasi, USA
- Tariq Aziz, India
- Lorenzo Cazon, Spain
- Hans Dembinski, Germany
- Eduardo de la Fuente Acosta, México (Convener, LOC)
- Hari Haran Balakrishnan, India (Editor-Publication)
- Pankaj Jain, India
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- Tanguy Pierog, Germany
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- Mary Hall Reno, USA
- Qiang Yuan, China
- Alessia Rita Tricomi, Italy

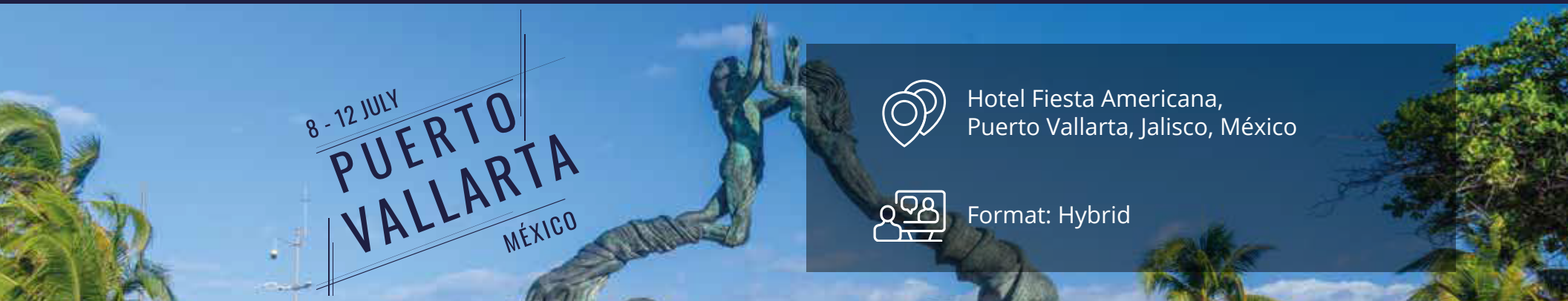
Local Organising Committee (LOC):

- Eduardo de la Fuente Acosta, CUCEI, Universidad de Guadalajara; UDG-CA 499 (Convener)
- Karen S. Caballero Mora, Universidad Autónoma de Chiapas (Co-Convener)
- Juan Carlos Arteaga Velazquez, Universidad Michoacana de San Nicolás de Hidalgo
- Alberto Carramiñana Alonso, Instituto Nacional de Astrofísica, Óptica, y Electrónica

- Jose de Jesus Chavez, Instituto Tecnológico de Estudios Superiores de Monterrey, Campus Guadalajara
- Arturo Fernandez Fernandez, Benemerita Universidad Autonoma de Puebla
- Angie Fernández Olimón, Centro de Análisis de Datos y Supercómputo (CADS)
- Jorge L. Flores Nuñez, CUCEI, Universidad de Guadalajara (UDG-CA 499)
- Rodrigo Gamboa Goñi, Instituto Tecnológico de Estudios Superiores de Monterrey, Campus Guadalajara
- Guillermo Garcia Torales, CUCEI, Universidad de Guadalajara (UDG-CA 499)
- Magdalena Gonzalez, Instituto de Astronomía, UNAM (HAWC Spokesperson)
- Ana Rosa Jiménez Meza, CUCEA, Universidad de Guadalajara
- Neri Alejandro González Soto. Universidad de Guadalajara. CUSur
- Jorge Lozoya Arandía, CUSur, Universidad de Guadalajara
- Alejandro K. Tomatani Sánchez, Instituto Tecnológico de Estudios Superiores de Monterrey, Campus Guadalajara
- Ibrahim Torres Aguilar, Instituto Nacional de Astrofísica, Óptica, y Electrónica (SWGO Mexican Representative)
- Sandra Olmedo, Pulso-Eventos, Guadalajara
- Lizette Robles Dueñas, Centro de Análisis de Datos y Supercómputo (CADS), Universidad de Guadalajara
- Hari Haran Balakrishnan, Tata Institute of Fundamental Research, India

The International Symposium on Very High Energy Cosmic Ray Interactions

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General Symposium topics:

- High energy astroparticle physics results relevant to particle physics
 - Exotic phenomena & searches for new physics beyond SM
 - Simulation tools for cosmic ray & neutrino physics
- Gamma Ray Astrophysics and Astroparticles
 - LHC pp & heavy ion physics
 - Multi-messenger cosmic ray observations & interpretations
- Accelerator experiments relevant to cosmic ray physics
 - Cross-sections and interaction models
 - Future accelerators & cosmic ray experiments
- Space experiment results relevant to high energy interactions
 - High energy neutrinos and muons, including muon puzzle

Important dates:

- 01 FEBRUARY ← OPENING OF REGISTRATION AND ABSTRACT SUBMISSION
- 31 MAY ← DEADLINE FOR EARLY REGISTRATION
- 31 MARCH ← DEADLINE FOR ABSTRACT SUBMISSION
- 08 JULY ← SYMPOSIUM COMMENCEMENT
- 15 MAY ← ANNOUNCEMENT OF DECISION ON ABSTRACTS
- 12 JULY ← CONCLUSION OF SYMPOSIUM

Committees

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Pankaj Jain, India
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Shoichi Ogio, Japan
Tanguy Pierog, Germany
Subir Sarkar, UK
Mary Hall Reno, USA
Qiang Yuan, China
Alessia Rita Tricoli, Italy

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<http://cusur.udg.mx/22th-symposium/>

