# **ISVHECRI 2022: First Circular**

March 14, 2022

Dear Colleagues,

On behalf of the Local Organizing Committee (LOC), I am pleased to inform you that the 21st International Symposium on Very High Energy Cosmic Ray Interactions (ISVHECRI 2022) is being hosted by the GRAPES-3 Collaboration (Tata Institute of Fundamental Research), India virtually during May 23-28, 2022. Please note that this symposium was originally scheduled to be held during June 4-8, 2020, however, it was postponed due to the pandemic.

The ISVHECRI is a biennial symposium series sponsored by the International Union of Pure and Applied Physics (IUPAP). 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.

Date:May 23-28, 2022Venue:VirtualWebsite:<a href="https://isvhecri2022.tifr.res.in">https://isvhecri2022.tifr.res.in</a>E-mail:isvhecri2022@gmail.com

## Symposium topics:

- High energy astroparticle physics results relevant to particle physics
- Accelerator experiments relevant to cosmic ray physics
- Space experiment results relevant to high energy interactions
- Exotic phenomena and searches for new physics beyond SM
- pp and 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:**

Mar 15	•	Opening of registration
Mar 15	:	Opening of abstract submission
Apr 14	:	Closing of abstract submission
May 1	:	Announcement of decision on submitted abstracts
May 15	:	Last date for payment
May 23-28	:	Symposium dates

#### Scientific program and abstract submission:

The Symposium will consist of invited and contributed talks. All the talks will be organized in plenary sessions.

## **Registration and payment of fees in Indian Rupees (INR):**

The registration process involves creation of an 'Indico' account in the server. Those who have created an Indico account in 2020 may use the existing credentials. Those who have forgotten their credentials may opt for "Forgot my password" option at the login page to receive their password reset link on their registered e-mail address.

The registration fee is fixed at INR 5000 (approximately EUR 60).

The above registration fee will cover

- 1. Access to the plenary sessions
- 2. Publishing of proceeding limited to one per participant

### **Financial support:**

Limited financial support will be available for participants from developing countries subject to availability of the funds. Requests for financial support must be made to the Local Organising Committee, by sending an email to isvhecri2022@gmail.com.

#### **Committees:**

#### **International Advisory Committee**

Alexander Borisov, LPI, Russia (Chair) Sunil Gupta, TIFR, India (Co-chair) Olga Botner, Uppsala University, Sweden Fiorenza Donato, Torino University, Italy Veronique Van Elewyck, Paris Diderot University, France Ralph Engel, KIT, Germany \*Tom Gaisser, Delaware University, USA Andreas Haungs, KIT, Germany Yoshitaka Itow, Nagoya University, Japan Lawrence Jones, Michigan University, USA Takaaki Kajita, ICRR, Japan Saburo Kawakami, Osaka City University, Japan Paolo Lipari, INFN, Italy Yasushi Muraki, Nagoya University, Japan Bryan Pattison, CERN, Geneva Anatoly Petrukhin, MEPhI, Russia Albert De Roeck, CERN, Geneva Edison Hiroyuki Shibuya, Champinas University, Brazil \*Deceased

#### **Scientific Program Committee**

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#### Local Organizing Committee (LOC)

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We are eagerly looking forward to your participation.

Sincerely, Pravata Mohanty (Convener), On behalf of LOC, ISVHECRI 2022.