



International Conference on Nuclear Physics and its Applications (ICNPA -2024)



Dates : 21 – 25 October, 2024

Venue: Conference Center (near Gate No. 4), University of Delhi, Delhi -110007, India

Organized By: Department of Physics and Astrophysics, University of Delhi, India

In Association with

Sri Aurobindo College (Morning), University of Delhi, India

Organizing Team

Conference Chair – Sanjay Kumar Chamoli

Convener(s) – Suresh Kumar, D. N. Gupta, Ajit Kumar Mahapatro

Web: www.icnpa2024du.in

Email : icnpa2024du@gmail.com

The Department of Physics and Astrophysics, University of Delhi, India, in association with Sri Aurobindo College, University of Delhi, will organize the “International Conference on Nuclear Physics and its Applications (ICNPA-2024)” at the Conference Center, University of Delhi, from 21 -25 October 2024. The conference will cover both fundamental and application-oriented aspects of nuclear physics. The meeting will feature plenary talks and invited presentations by experts spanning various fields within nuclear physics and its applications. Young research scholars will also be able to present their research findings through oral and poster presentations. The conference aims to foster interaction between young researchers and established experts in the field, providing participants with valuable insights into both the fundamental principles and practical applications of nuclear physics.

Conference Topics

1. Nuclear structure
2. Nuclear reactions
3. Nuclear astrophysics
4. Fundamental symmetries in nuclei
5. Nuclear Instrumentation
6. Accelerator developments and future Accelerators
7. Applications of nuclear physics and technologies (e.g., energy, health, material science, space, environment, etc.) for societal development.

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Conference Registration

All delegates and participants are required to register for the symposium. The registration fee for the Conference is as follows:

Participant	Before 20.09.2024	After 20.09.2024
Indian Students/ Postdocs	INR 3000	INR 3500
Indian Scientist/ Faculty	INR 5000	INR 5500
Foreign Participant	USD 350	USD 400

Registration fees will cover conference kit, book of abstracts, all lunches and Tea/coffee/snacksserved during the conference days, conference proceedings publications (to be decided later on) and social dinner (banquets). **The registration will be completed only after successfully paying the registration fees.**

Details of payment modes are available on the conference website (www.icnpa2024du.in).

Abstract Submission:

The conference will feature plenary talks and invited presentations. Young researchers will

beable to present their research through oral and poster.

A one-page (A-4 size) abstract should be submitted as per the template given on the website. Abstract submission **Start: 25 July 2024**

Abstract submission **End: 10 September 2024**

Confirmed List of Speakers (Partial)

- | | | |
|-----|--------------------------|--|
| 1. | Andrei Andreyev | University of York, UK |
| 2. | Thomas Roger | GANIL, Caen, France |
| 3. | Avazbek Nasirov | JINR, Dubna, Russia |
| 4. | Gavin Lotay | University of Surrey, UK |
| 5. | Shabi Thankaraj Salammal | CSIR- AMPRI, Bhopal, India |
| 6. | Enrique Nacher | CSIC, Spain |
| 7. | Ghanshyam Sahani | AERB, Mumbai, India |
| 8. | Pieter Doornenbal | Gamma Spectroscopy Group, RIKEN, Japan |
| 9. | B.P. Singh | AMU, Aligarh, India |
| 10. | Robert Bark | iThemba LABs, Cape Town, South Africa |
| 11. | Rudrajyoti Palit | TIFR, Mumbai, India |
| 12. | Gopal Mukherjee | VECC, Kolkata, India |
| 13. | Georgi Georgiev | IJCLabs, France |
| 14. | Daisuke Suzuki | RIBF RIKEN Japan |
| 15. | Smarijit Triambak | UWC, Cape Town, South Africa |
| 16. | Sushil Sharma | UJ, Krakow, Poland |
| 17. | Jean-Michael Daugas | Univ. of Paris, Saclay, France |
| 18. | Robert Grzywacz | Univ. of Tennessee, USA |
| 19. | Ajay Kumar Tyagi | BHU, Varanasi, India |
| 20. | S. Santra | BARC, Mumbai, India |
| 21. | Laurent Gaudefroy | CEA, Saclay, France |

Conference Proceedings

The Conference proceedings will be published in the **Physica Scripta** Journal. Selected papers presented at the Conference will be published as regular articles in a focused issue of the Journal. The manuscripts submitted for publication should be complete and comprehensive in nature related to the conference topics.

All submitted manuscripts will undergo the journal's standard peer-review process before publication. The call for submission of articles for publication in the proceedings, along with submission details and deadlines, will be informed separately through the conference website.

Accommodation Details

Accommodation has been arranged in nearby guest houses, hotels, and hostels to accommodate participants of the ICNPA-2024 Conference. Each participant who needs accommodation for the duration of the conference is required to fill out the 'Accommodation Option' form available on the conference website. The recommended accommodation options available are the following:

(A) Guest House Accommodation

The conference organizing committee has reserved some rooms for the participants in the following Guest Houses.

1. International Guest House (IGH), University of Delhi:

The Guest House is within the University Campus at a distance of ~ 500 m from the conference venue. The Guest house has the following categories of rooms:

(a) Single Room with twin sharing (size: 12 x 10 sq. ft.) with attached toilet/bathroom and an attached balcony: Rs. 2300/- per night for one room (including breakfast).

(b) Double Room (size: 16 x 10 sq. ft.) with attached toilet/bathroom and an attached balcony: Rs. 2700/- per night for one room (including breakfast).

Address: 7- University Road, University Campus, New Delhi, Delhi, 110007 (Near Social Work Department University of Delhi)

Contact: +91 -11- 27662849, 27662850 and 27662909, 9971190287 (Mob.)

Location Link: <https://maps.app.goo.gl/xktv2F5WSwgYYrJ2A>

2. University Guest House (UGH), University of Delhi:

The Guest House is within the University Campus at a distance of ~ 300 m from the conference venue. The Guest house has the following categories of rooms:

(a) Single Room with twin sharing (size: 12 x 10 sq. ft.) with attached toilet/bathroom Rs. 1200/- per night for one room (including breakfast) if occupied by one person and Rs. 1600/- per night for one room (including breakfast) if occupied by two persons.

(b) Double Room (size: 16 x 10 sq. ft.) with attached toilet/bathroom: Rs. 1900/- per night (including breakfast).

Address: 8- University Road, University of Delhi, (North Campus), Delhi, 110007 (Opposite State Bank of India, Delhi University Branch)

Contact: +91 -11- 27667544

Location Link: <https://maps.app.goo.gl/fcsXE32buGtZEFjZA>

* **Amenities include**, Free Wi-Fi, Laundry (on paid basis), Taxi calling facility available at the reception. safe and clean surroundings. The IGH and UGH are managed by professional and helpful staff who attend guests at all hours. The Guest Houses are ~100 meters from the Vishvidyalaya Metro Station and ~ 100 meters from “the Ridge” (Kamla Nehru Park). The Co-operative Store, Railway Reservation Counter, and Banks (SBI / ICICI) ATMs are within reach.

3. NABM Staff Training Hostel, Radio Colony, Kingsway Camp, Delhi (NABM):

This Guest House is a trainee Hostel of the National Academy of Broadcasting and Multimedia (under Prasar Bharti, Government of India). The Guest House is in the Kingsway Camp area of North Delhi (~ 3 K.M. from the conference venue). In this Guest House, 40 rooms have been reserved for the conference. *(Most of the rooms in this Guest House are without Air Conditioners, otherwise the accommodation is Good)*

The category of the rooms and their charges are the following:

(a) Single Room (size: 8 x 8 sq. ft.) with attached toilet/bathroom: Rs. 700/- per night (including Breakfast).

(b) Double Room (size: 12 x 12 sq. ft.) with attached toilet/bathroom: Rs. 1200/- per night (including Breakfast).

Address: Staff Hostel, NABM, Kingsway, Bhai Parmanand Colony, Mukherjee Nagar, New Delhi, Delhi 110009, India.

Contact: +91 -11- 27601807, 27658311

Location Link: <https://maps.app.goo.gl/HHGsuC1eS4W21vpD7>

4. Amitabh Guest House, Kamala Nagar Delhi (AGH) (3- Star):

This Guest House is located within walking distance in the Kamala Nagar Area of North Delhi, which is close to the University of Delhi (North Campus). The Guest House is in excellent condition and ~ 1 K.M. from the Conference venue. The Guest house has the following categories of rooms:

(a) Single Room with double bed (size: 12 x 10 sq. ft.) with attached toilet/bathroom: Rs. 2600/- per night for one room (including breakfast).

Address: 32, Bungalow Road, Kamla Nagar, New Delhi, Delhi, 110007

Web Link: Further details like types of rooms and their charges, the availability during the conference days, facilities available, etc. can be obtained through the following link:

<https://www.goibibo.com/hotels/amitabh-guest-house-hotel-in-delhi-4260996611037761863/>

Instructions for booking the Guest House Accommodation are available on the conference website.

Recommended Hotel Accommodation:

Delhi University (North Campus) is surrounded by numerous good-quality hotels. The Accommodation in these Hotels can be booked directly through their websites. Before booking, kindly check if the accommodation is available in them as per your needs and duration. The following is the list of the hotels available:

1. Caspia Hotel, New Delhi (CSP) (3-star):

This 4-star hotel is located in the Shalimar Bagh area of North Delhi, which is close to the University of Delhi (North Campus). The hotel is in excellent condition and ~ 6 K.M. from the conference venue.

Room Rates:

INR 2800 + 12% GST on Single Occupancy per room, per Night (including breakfast)

INR 3300 + 12% GST on Double Occupancy per room, per Night (including breakfast)

Rooms have been reserved in this hotel for the duration of the conference. While booking the accommodation in this hotel, kindly mention that you are coming for the “ICNPA2024 Event in Delhi University”

Address: Outer Ring Road, Shalimar Bagh District Center, New Delhi- 110088 India.

Contact: +91 -11- 39813444

Web Link: Further details like types of rooms and their charges, the availability during the conference days, facilities available, booking, etc., can be obtained through the following link: <https://caspiahotels.com/>

(*Pick and drop facility will be provided by the Conference Organizers for this hotel)

2. Venizia Sarovar Hotel (VSH) (4-Star):

The 4-star hotel is located in the Kingsway Camp Area of North Delhi, which is close to the University of Delhi (North Campus). The hotel is in excellent condition and ~ 2 K.M. from the conference venue.

Amenities: AC, Wi-Fi internet access, a sitting area, electronic safe, TV, tea & coffee maker, well-stocked minibar, wardrobe, and room service round the clock.

Room Rates:

INR 4500 + 12% GST on Single Occupancy per room, per Night (including breakfast)

INR 5000 + 12% GST on Double Occupancy per room, per Night (including breakfast)

Rooms have been reserved in this hotel for the duration of the conference.

Address: 6, Bhamashah Marg, Opp. Kripal Bagh, Ashram, Near Model Town Metro Station, New Delhi – 110009

Contact: +91 - [9338 000 049](tel:+919338000049)

Web Link: Further details like types of rooms and their charges, the availability during the conference days, facilities available, etc. can be obtained through the following link:

<https://www.sarovarhotels.com/venizia-sarovar-portico-in-new-delhi/>

(*Pick and drop facility will be provided by the Conference Organizers for this hotel)

(** We recommend reserving the room in this hotel early, as the hotel has a history of being sold out frequently due to its premier quality and also because of its convenient location to the Delhi University.)

(*This hotel is perfect and especially recommended for our Foreign Guests)

3. Maidens Hotel (MH) (5-star):

The 5-star hotel is located in the Civil Lines area of North Delhi, which is close to the University of Delhi (North Campus). The hotel is in excellent condition and ~ 3 K.M. from the conference venue.

Address: 7, Sham Nath Marg, Prema Kunj, Civil Lines, Delhi, 110054.

Contact: + 91 - [11 2388 5700](tel:+911123885700)

Web Link: Further details like types of rooms and their charges, the availability during the conference days, facilities available, booking, etc., can be obtained through the following link:

<https://www.maidenshotel.com/>

Instructions for Hotel Bookings have been provided on the conference website.

We look forward to welcoming you here to Delhi University. We hope that you will enjoy having five days of interactive discussions, numerous research presentations, and good networking opportunities within the scientific community.

Conference Organizing Team.

Contact Details

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