



49th INTERNATIONAL NATHIAGALI SUMMER COLLEGE ON PHYSICS & CONTEMPORARY NEEDS, NATHIAGALI, PAKISTAN



24th June - 6th July 2024

PATRON-IN-CHIEF

Raja Ali Raza Anwar

CHAIRMAN ORGANIZING COMMITTEE

Masood Iqbal

EXECUTIVE SECRETARY

Manzoor Ikram

SCIENTIFIC SECRETARY

Shafqat Karim

CO-SCIENTIFIC SECRETARY

Ashfaq Ahmad

EXPECTED FACULTY :

Activity-I: (24th - 28th June 2024)

Quantum Technologies

1. Kadir Durak, Turkiye
2. Zeyang Liao, China
3. Xiongfeng Ma, China
4. Irfan Siddiqui, USA
5. Biao Tang, China
6. Suhail Zubairy, USA

Activity-II: (29th June - 2nd July 2024)

Artificial Intelligence and Machine Learning

1. Chang-Won Ahn, South Korea
2. Ahmet Enis Cetin, USA
3. Naeem Ramzan, UK
4. Antonio Sanfilippo, Qatar
5. Muhammad Shafique, UAE
6. Linlin Shen, China

Activity-III: (3rd July - 6th July 2024)

Semiconductor Technologies and Coatings

1. Dae Joon Kang, South Korea
2. Wan Liu, China
3. Haiqiao Ni, China
4. Junqing Pan, China
5. Farhan Rana, USA
6. Walther Schwarzacher, UK

International Nathiagali Summer College (INSC) on Physics and Contemporary Needs has been organized as an annual event since 1976. The primary objective of the College is to overcome the scientific isolation experienced by researchers in developing countries. The idea of hosting these colleges originated from the esteemed Nobel Laureate, Professor Abdus Salam, who underscored the crucial importance of communication and the exchange of scientific knowledge within the scientific community. The College offers a unique opportunity for younger and active scientists in the developing world to establish and renew connections with globally recognized researchers.

Throughout the years, over 1000 distinguished scientists and speakers, including nine Nobel Laureates, have served as faculty at INSC. More than 1150 foreign scientists hailing from over 75 developing countries, as well as more than 12000 participants from Pakistani research and development institutes and universities have attended these colleges.

Annual scientific activities of INSC span a broad spectrum of subjects at the cutting edge of knowledge in Physics and related sciences. The upcoming 49th INSC is set to explore the following topics.

Activity I: (24th June - 28th June 2024)

Quantum Technologies

Activity II: (29th June - 2nd July 2024)

Artificial Intelligence and Machine Learning

Activity III: (3rd July - 6th July 2024)

Semiconductor Technologies and Coatings

SEMINAR/POSTER PRESENTATION

Seminars/poster presentation will provide edge to candidates in selection.

Best posters will be awarded certificates and cash prizes.

WORKING LANGUAGE

The working language of the college is English

VENUE

NATHIAGALI, PAKISTAN

CERN70 & Pakistan

CERN is celebrating its 70th anniversary in 2024. Pakistan being an associate member of CERN will organize a few events on this occasion. One of the events will be special lectures by speakers from CERN and Pakistan on the inaugural day, 24th June, 2024 covering achievements, past, present & future of CERN along with Pakistan's engagement.

FUNDING SUPPORT:

Boarding and lodging arrangements are the responsibility of the organizers. Modest funds are available to cover half of the travel expenses of some participants from the developing countries.

REGISTRATION:

Requests for participation should be made through INSC online application system. In case of student, form must also be signed by the Supervisor/HoD and sent by post. The deadline for application is 30th April 2024.

SPONSORS



DEADLINE

for the receipt of participation requests is

30th April 2024

For Application to Participate please visit the following weblink.

<http://www.paec.gov.pk/insc>
<http://www.ncp.edu.pk/insc>

FOR FURTHER INFORMATION PLEASE CONTACT :

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