



# International Symposium on Artificial Intelligence Medical Imaging and Pattern Recognition (ISAIMP-2023)



**MONDAY – TUESDAY**  
24-25 JULY, 2023

**ARTIFICIAL INTELLIGENCE TECHNOLOGY CENTRE**  
**NATIONAL CENTRE FOR PHYSICS**  
ISLAMABAD

**START AT**  
09:00



**Patron-in-Chief, DG NCP**  
Dr. Mansoor Hameed Inayat



**Patron, DG AITeC**  
Dr. Qaisar Ahsan



**Co-Chair, HoD AITeC**  
Dr. Muhammad Usman Butt



**Co-Chair, HoD AITeC**  
Dr. Rana Fayyaz Ahmad

## Introduction

Artificial Intelligence Technology Centre (AITeC) is pleased to host an International Symposium on Artificial intelligence – Medical Imaging and Pattern Recognition (ISAIMP-2023) at the National Centre for Physics (NCP), on **July 24-25, 2023**. This two-days symposium will bring together National and International distinguished experts in the field of Artificial Intelligence (AI) who will share their research and experience to solve current challenges and state of AI applied in the range of areas such as Medical/ Biomedical Imaging, Health Care, eHealth, Pathology, Computer Vision, Multi-robot Systems and Pattern Recognition.

## Aim

This symposium aims to unite national and international academia, industry, doctors and government AI & Data Engineering / Science experts to share their research and experience to identify current challenges and opportunities raised by extensive use of AI in various applications. This also aims to explore and promote networking, opportunities of collaborations and partnerships with national and international organizations in the area of mutual interest.

## Participation

Artificial intelligence (AI), a widespread and cutting-edge field, has not only clenched great potential to advance research in the range of areas, but also has transformed almost every aspect of human life. Drawing on the multidisciplinary expertise of renowned researchers, scholars, and stakeholders from around the world, please join us for dynamic presentations / talks and a lively exchange of view and ideas about the impact of rapidly adapting technological innovations of AI in the fields of:

- Medical Imaging
- Biomedical Imaging
- Health Care
- eHealth
- Pathology
- Computer Vision
- Multi-robot Systems
- Reinforcement Learning

## Poster Session

Active graduate & postgraduate students, post-doctoral researchers, faculty and research scientists are encouraged to participate for poster presentation. Applicants with poster presentation will be preferred. Best posters will be awarded.

## Organizing Committee

Dr Muhammad Usman Butt  
Dr Rana Fayyaz Ahmad  
Dr Syed Khursheed Hasnain  
Dr M. Ahmad Kamran  
Dr. Muhammad Usman  
Ms. Rabia Rasheed Butt  
Mr. Zeeshan Ahmad Siddiqui

### Coordinator

Dr. Muhammad Usman Butt  
HoD (Computer Vision), AITeC

### Email:

muhammad.usman@ncp.edu.pk

Contact: +92-3212674689

## Registration Fee

Students: **Rs. 1000/-**  
Faculty/Professionals: **Rs. 2000/-**  
Invited Speakers **No Fee.**

Limited accommodation is available for out station participants at subsidized rates.

**Note:** Selected applicants will be required to pay a registration fee via online payment. For registration, download the application form from NCP website: [www.ncp.edu.pk](http://www.ncp.edu.pk).

The application form should be submitted by **July 13, 2022** by **participants**. Selection will be made by the Technical Committee of ISAIMP-2023 .

Activity Secretariat: [caad@ncp.edu.pk](mailto:caad@ncp.edu.pk)

Collaborations & Academic Activities Department (CAAD)

National Centre for Physics, Shahdra Valley Road, Islamabad

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## OUR GUEST SPEAKERS (Tentative)



**Prof. Naeem Ramazan**  
University of the West of Scotland, UK



**Prof. Brendan McCane**  
Professor, University of Otago  
New Zealand



**Prof. Jie Yang**  
Institute of Medical Robotics, China



**Dr. Rana Fayyaz Ahmad**  
HoD (DL/ML), AITeC, Islamabad



**Assist. Prof. Talat Zehra**  
Jinnah Sindh Medical University  
Karachi



**Prof. Jianjun Ni**  
Professor, Hohai University, China



**Dr. Mohsin Bilal**  
Asst. Prof., FAST, Islamabad



**Prof. Muhammad Latif Anjum**  
HoD (SEECS), NUST, Islamabad



**Dr. Tolga Çukur**  
Asst. Prof., Bilkent University  
Turkey



**Dr. Abdul Qayyum**  
Imperial College London, UK



**Dr. Simon Graham**  
Co-Founder, Histofy, UK



**Dr. Gulistan Raja**  
Professor, UET Taxila



**Dr. Hammad Omer**  
Asst. Prof., COMSATS  
University, Islamabad



**Dr. Tehseen Zia**  
Assist. Professor, COMSATS  
University Islamabad