

Program of Workshop on CERN @ 70

Venue: Video Conference Hall, Junaid Zaidi Library, COMSATS University
Islamabad, Islamabad
Tuesday, May 7, 2024

09:00 AM - 09:30 AM **Registration**

09:30 AM - 10:30 AM **Opening Ceremony**

09:30 Guests to be seated
09:35 Arrival of the Chief Guest Dr. Masood Iqbal, Member Science,
Pakistan Atomic Energy Commission and the Guest of Honour
Dr. Syed Muhammad Junaid Zaidi, H.I., S.I, Founder Rector of CUI,
COMSATS University Islamabad, Islamabad.
09:40 Recitation from the Holy Quran
09:50 Welcome Address by Dr. Tahir Naeem, Director P, D ad HRD,
COMSATS University Islamabad
10:00 Address by Prof. Dr. Sajid Qamar
Rector, COMSATS University Islamabad
10:10 Address by the Guest of Honour
10:20 Address by the Chief Guest
10:30 Group Photograph
Presentation of the Souvenirs

10:45 AM – 11:15 AM **Tea/Coffee Break**

11:15 AM – 12:15 PM **Invited Talks on Evolution of the CERN and its Research
Programs Over the Previous Decades**

11:15 AM – 11:35 AM **Pakistan and CERN: 3 Decades of PAK-CERN Collaboration**
Dr. Zafar Yasin,
Director ,
CERN Secretariat Pakistan Atomic Energy Commission.

11:35 AM – 11:55 AM **Physics Motivation and Status of CMS Tracker Phase II Upgrade
and Rare Single Top Quark Production**
Dr. Ashfaq Ahmad,
Director, Experimental High Energy Physics,
National Centre for Physics (NCP).

11:55 AM – 12:15PM **From Classical to Quantum Computing**
Dr. Shahid Qamar,
Rector,
Pakistan Institute of Nuclear Science and Technology (PIEAS).

Presentation of Souvenirs

12:15 PM – 01:25 PM **Invited Talks on the Disciplinary Promise and Trajectory of
CERN Research Programs**

12:15 PM – 12:45 PM **Engagement of Collaborating Pakistani Universities/
Institutions with CERN/ future Research directions**
Dr. Marco Van Leeuwen, (via video link),
Spokesperson for the ALICE Experiment at CERN,
The European Organization for Nuclear Research (CERN).

12:45 PM – 01:05 PM **Design and Development of 6-20 MeV Linear Accelerator for Research Medical and Industrial Applications**
Dr. Sumaira Javeed,
Scientist,
Pakistan Institute of Nuclear Science and Technology
(PINSTECH).

01:05 PM – 01:25 PM **Perspective from ALICE Experiment Data Analysis**
Dr. Uzma Tabassum,
Associate Professor, Department of Physics,
COMSATS University Islamabad,
Islamabad.

Presentation of Souvenirs

01:25 PM – 2:25 PM Networking Lunch/ Prayer Break

02:25 PM– 03:25 PM Invited Talks on Research Contributions by Institutions from Pakistan and the Way Forward to Contribute in CERN Research Agenda in the Next Decade and After

02:25 PM - 02:45 PM **CUI Participation for Designing the ITS Si-Pixer Detector.**
Dr. Muhammad Fahad Bhopal,
Assistant Professor,
COMSATS University Islamabad,
Islamabad.

02:45 PM – 03:05 PM **Why SM is Standing Tall After LHC Measurement.**
Dr. M. Jamil Aslam,
Assistant Professor , Department of Physics,
Quaid-i-Azam University, Islamabad.

03:05 PM - 03:25 PM **ALICE Journey from Readout to Commissioning**
Mr. Raise Akram,
Lecturer, Department of Physics,
COMSATS University Islamabad,
Islamabad.

03:25 PM - 3:30 PM **Closing Remarks**

Presentation of Souvenirs

03:30 PM Tea

Organizing Committee

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