# Advances in Quantum Materials Using Synchrotron Techniques (AQMUST2026)

विज्ञान एवं प्रौद्योगिकी विभाग
DEPARTMENT OF SCIENCE & TECHNOLOGY

## February 24 – 26, 2026

## Saha Institute of Nuclear Physics, Kolkata, India

DAE

**The theme of the conference "Advances in Quantum Materials Using X-ray Synchrotron Techniques (AQMUST-2026)" is the research focused on the physics of quantum materials and their structural characterization using synchrotron X-ray techniques, particularly using facilities at Indian beamline, PF, KEK and PETRA-III, DESY.**

**Confirmed Indian Speakers**

***Prof. Milan K. Sanyal, SINP***
***Prof. Umesh Waghmare, JNCASR***
***Prof. S.M. Yusuf, CEBS***
***Prof. Kalobaran Maiti, IACS***
***Prof. Kaustubh Priolkar, UGC-DAE CSR***
***Prof. G.U. Kulkarni, JNCASR***
***Prof. Sebastian Peter, JNCASR***
***Prof. Kanishka Biswas , JNCASR***
***Prof. Jaydeep Kumar Basu, IISc***
***Prof. Gautam Deb Mukherjee, IISER Kolkata***
***Porf. Satyajit Hazra, SINP***
***Prof. Sudipta Bandyopadyay, CU***
***Prof. Shubam Majumdar, IACS***
***Prof. Sunita Srivastava, IIT Bombay***
***Prof. Pralay Santra, CENS***
***Prof. Preeti Anand Bhobe, IIT Indore***
***Prof. Srimanta Middey, IISc***
***Prof. Sugata Ray, IACS***
***Prof. Indranil Sarkar, INST***
***Prof. Sanjay Singh, IIT BHU***
***Prof. Sajal Ghosh, SNU***
***Prof. Dillip K. Satapathy, IIT Madras***
***Prof. Sudipta Roy Barman, UGC DAE-CSR***
***Prof. Subhajit Roychowdhury, IISER Bhopal***

**Confirmed Speakers from DESY & ESRF**

***Prof. Jean Daillant, ESRF***
***Prof. Frank Lehner, DESY***
***Prof. Hans-Christian Wille, DESY***
***Prof. Markus Gühr, DESY***
***Prof. Shrikant Bhat, DESY***
***Prof. Arka Bikash Dey, DESY***

### *Advisory Committee members*

**Milan K. Sanyal,** SINP, Kolkata
**Dinakar Kanjilal,** IUAC, New Delhi
**Umesh V. Waghmare** JNCASR, Bengaluru
**Kalobaran Maiti,** IACS, Kolkata
**Kaustubh R. S. Priolkar** UGC-DAE CSR, Indore

### *Local Organizing Committee members*

**Satyajit Hazra,**
**Krishnakumar S. R. Menon**
**Satyaban Bhunia,** SINP, Kolkata

### *Conveners*

**Mrinmay K. Mukhopadhyay,** SINP Kolkata
**Kanishka Biswas,** JNCASR, Bengaluru
**Sebastian C Peter,** JNCASR, Bengaluru

**All the users of the DST – DESY project for PETRA – III synchrotron and the DST – KEK project for the Indian beamline at Photon Factory are encouraged to attend the conference and share the results. Students are encouraged to submit a one-page abstract for the poster presentation. Please submit the abstract to the email address given below before 10th February 2026 for enrolment in the conference.**


*Address for Correspondence*

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