

QMAT 2026

5-8 July, 2026 | New Delhi

ANNUAL CONFERENCE ON QUANTUM CONDENSED MATTER PHYSICS

Venue: Convention Centre,
Jawaharlal Nehru University, New
Delhi, India

Dates: 5th-8th July, 2026

CONFERENCE THEMES

- Topological Quantum Materials and Edge States
- Unconventional Superconductivity and Pairing Mechanism
- Magnetism in Frustrated and Correlated Systems
- Quantum Transport and Spectroscopy
- 2D Moiré systems, Twistronics and vdW heterostructures
- Quantum Devices: Sensors and Computing
- Non-Equilibrium Dynamics and Many-Body Localization
- Theoretical Models: DFT, RG and Quantum Simulations
- AI/ML in Quantum Materials Discovery
- Quantum Information Theory and Communication

ABOUT THE CONFERENCE

The **QMAT-2026** conference brings together leading researchers, early-career scientists, and students to discuss recent advances and emerging directions in **quantum condensed matter physics**. Over the past seven years, QMAT has established itself to be the flagship program of Indian Quantum Condensed Matter community. This continues to be a focused high-level forum for rigorous scientific exchange with an emphasis on depth, clarity, and cutting-edge results.

HIGHLIGHTS

- Invited talks by internationally recognized experts
- Contributed oral and poster presentation
- Dedicated sessions for students and early-career researchers
- Opportunities for collaboration and focused discussions

WHO SHOULD ATTEND

Researchers, Faculty members, PhD scholars, Postdoctoral fellows, and Industry-scientists working in condensed matter physics, materials science, and quantum technologies.

ORGANIZED BY

School of Physical Sciences, Jawaharlal Nehru University, New Delhi, in conjunction with IIT Delhi, NPL and Bennett University.

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