

International Conference & Exposium on Quantum Sensing & Metrology



Organized by : **QERE** **tcg crest**
Center for Quantum Engineering Research and Education
Inventing Harmonious Future

ICEQSM - 2025

September 10-13, 2025

Venue: BOSE Institute, Kolkata

Patron

TCG CREST Chairman/Director

Chair

Bhanu Pratap Das

Themes

Sensors and Devices for Quantum Sensing, Metrology, Microscopy and Spectroscopy

Light-based Sensors: Quantum-enhanced Imaging Systems, Quantum Lidar, Quantum Radar

Solid State Quantum Sensors: NV Centers in Diamond, Quantum Dots, Single Photon Emitters

Atom-based Quantum-enhanced Sensors: Cold Atom Interferometers, Atomic Clocks, Magnetometers, Rydberg Sensors

Theoretical Quantum Sensing, Metrology and Estimation

Advisory Board



Speakers



Conveners



Publication in **Wiley Multi-Journal Special Collection**

WILEY **adp** **annalen der physik**

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Abstract Submission Deadline:
15th August 2025

Registration Deadline:
3rd September 2025



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Anusandhan National Research Foundation

REGISTRATION

For any queries, feel free to contact us: iceqsm2025@tcgcrest.org

For more details, please visit: <https://sites.google.com/view/iceqsm-2025/home>