

International Conference & Exposium on Quantum Sensing & Metrology



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

ICEQSM - 2025

September 10-13, 2025

Patron Purnendu Chatterjee (TCG CREST Chairman)

Chair Bhanu Pratap Das (CQuERE Director)

Venue: BOSE Institute, Kolkata

Themes

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

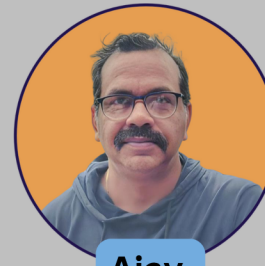
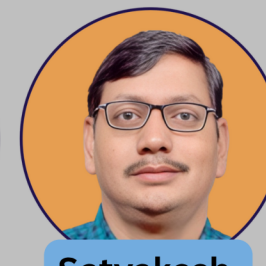
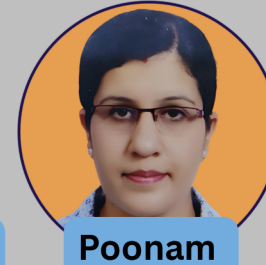
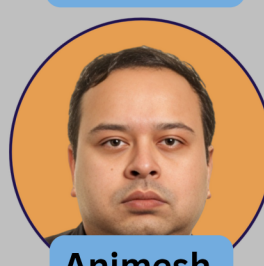
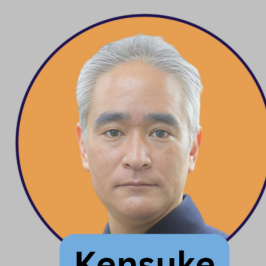
Light-based Sensors: Quantum-enhanced Imaging Systems, Quantum Lidar, Quantum Radar

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

Speakers



Conveners



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

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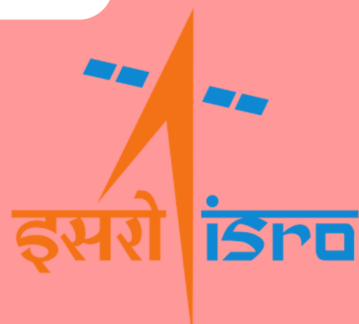
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For any queries, feel free to contact us: iceqsm2025@tcgcrest.org

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