Session Program

25–27 Nov 2026



4th International Workshop on Physics with Trapped Charged Particles (IWPTCP-26), IUAC, New Delhi

Session 8

Maharishi Kanad Auditorium, IUAC
Inter University Accelerator Centre Aruna Asaf Ali Marg, New Delhi 110067

Friday 27 November

09:00

Session 8: S8

Session |
Location: Maharishi Kanad Auditorium, IUAC, Inter University Accelerator Centre Aruna Asaf Ali Marg, New Delhi
Convener: PARNIKA DAS

09:00–09:30

Quantum Sensing with Neutral Atoms and High-Precision Diode Lasers

Speaker
Prof. Bodhaditya Santra

09:30–10:00

Detecting Trapped Atoms with Minimal Disturbance: Real-Time Readout through Spin Noise

Speaker
Prof. Saptarishi Chaudhuri

10:00–10:20

Photostability of isolated nucleotides under ultraviolet radiation

Speaker
Abheek Roy

10:20–10:40

Dynamical States of Driven Few-Ion Crystals

Speaker
vaibhav mahendrakar

10:40–11:00

Kinetic Monte Carlo Modelling of Recurrent Fluorescence in PAH Cations for the Delhi Penning Trap

Speaker
Shravan Rajesh Kale

11:00