

Session Program

6-8 Aug 2025



Workshop on optically-pumped magnetometers - WOPM2025

Quantum and Fundamental

PSI, WHGA/001 - Auditorium

Friday 8 August

09:00

Quantum and Fundamental

Session | Location: PSI, WHGA/001 - Auditorium

09:00–09:20 **Quantum enhancement in a multi-parameter quantum sensor.**

Speaker
Aleksandra Sierant

09:20–09:40 **Towards optical quantum control of nuclear spins in a Helium-3 gas**

Speaker
Muhammad Haroon Saeed

09:40–10:00
Magnetic Field Optimisation and Design Procedures for Quantum Sensing Applications

Speaker
Dr Chris Morley

10:00–10:20 **³He Magnetometry for the Fermilab Muon g-2 experiment**

Speakers
David Aguillard, Tim Chupp

10:20–10:35 **Searching for dark matter with comagnetometers**

Speaker
Daniel Gavilán-Martín

10:35–10:50 **Self-compensating comagnetometer for exotic physics searches**

Speaker
Grzegorz Łukasiewicz

10:50