

Session Program

6-8 Aug 2025



Workshop on optically-pumped magnetometers - WOPM2025

OPM Applications II

PSI, WHGA/001 - Auditorium

Friday 8 August

14:00

OPM Applications II

Session | **Location:** PSI, WHGA/001 - Auditorium

14:00–14:20

Towards Optimal Atomic Magnetometry for Practical Applications: Examining Scheme, Laser Source, and Vapor Cell Interplay

Speaker

Rafael Rothganger de Paiva

14:20–14:35

Fast total field OPM for muscle measurements: first in vivo recordings in MyoQuant project

Speaker

Victor Lebedev

14:35–14:50

Synthesized high-density magnetomyography in vivo

Speaker

Simon Nordenström

14:50–15:10

Noninvasive, multichannel nuclear magnetic resonance chemical analysis via OPM arrays in the zero- to ultralow-field regime

Speaker

Blake Andrews

15:10