

Session Program

6-8 Aug 2025



Workshop on optically-pumped magnetometers - WOPM2025

OPM Development I

PSI, WHGA/001 - Auditorium

Thursday 7 August

09:00

OPM Development I

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

09:00–09:10

Welcome

Speaker

Georg Bison

09:10–09:30

Long term stability of an EIT based magnetometer.

Speakers

Mario Alberto Gonzalez Maldonado, Ying-Ju Wang

09:30–09:50

Magnetic resonance linewidth of alkali-metal atoms and systematic error of comagnetometer

Speaker

Nan Zhao

09:50–10:10

A Sensitive Dead-Zone-Free FID Magnetometer

Speaker

JIANG HE

10:10–10:30

Omnidirectional Diamond-Based Vector Magnetometers

Speaker

Ms Zhiyin Sun

10:30–10:50

Uncovering the Hidden Variability and Challenges in SERF-OPMs Through Structured Magnetometer Benchmarking

Speaker

Dr Eric Elzenheimer

10:50