



WG1/WG2 Hardware/Software
Graduate & Postgraduate Student Symposium 2026
Organized by NexMPI (COST Action CA23132)

@14:00 CET, Monday, 12 October 2026

Zoom Link: <https://us06web.zoom.us/j/81699525381?pwd=FVQbYRQGoBVOBQEARbDOAkkey6Gwfq.1>

Presentation Format: 7-minute presentation + 3-minute Q&A

Jury Members for Best Presentation Award:

Alexey Tonyushkin, Oakland University

Can Barış Top, ASELSAN

Lejla Alic, University of Twente

Presentation List:

- “Experimental MPI System Calibration and Characterization”
Florian Thieben, Fraunhofer IMTE, PhD student
- “Guided Heating of Magnetic Nanoparticles Using a Hybrid MFH/MPS System”
Satılmış Furkan Kahraman, Bilkent University, Master's student
- “Mixing-Frequency magnetic particle imaging: Integrating Streamlined Instrumentation with Advanced Reconstruction Algorithms for Preclinical Applications”
Shaoqi Sun, Beihang University, PhD student
- “SNR and Detection Limit Improvement of MNPs Using Conventional Denoising in a Custom-Built MPR System”
Ammar Abdurrauf, Istanbul Technical University, Master's student
- “SNR Characterization of a Rodent MPI Scanner”
Ege Kor, Massachusetts Institute of Technology (MIT), PhD student
- “Magnetic particle imaging performance characterization using a dynamic dilution platform”
Bruno Kluwe, PTB Berlin, PhD student