

Programm der Sitzung

13.-16. Jan. 2025



LPA Special Workshop on Intelligent Systems

Trends in LPA Ion Automation

Department of Physics, University of Oxford
Parks Rd, Oxford OX1 3PU, UK

Mi., 15. Januar

11:00

Trends in LPA Ion Automation

Sitzung | **Ort:** Department of Physics, University of Oxford, Parks Rd, Oxford OX1 3PU, UK | **Vorsitzender:** Dr. Charlotte Palmer

11:12-11:24 Uhr

Concepts for setup automation and repetition rate operation for the laser-driven proton beamline ALBU-2S at Helmholtz-Zentrum Dresden - Rossendorf (HZDR)

Sprecher

Josefine Metzkes-Ng

11:24-11:36 Uhr

Optimization and stabilization techniques applied to laser-driven proton sources at the DRACO laser system

Sprecher

Martin Rehwald

11:36-11:48 Uhr

Progress Towards High Repetition-Rate Ultra-Thin Targetry for Laser-Plasma Interactions

Sprecher

Matthew Alderton

11:48-12:00 Uhr

The Application of Artificial Intelligence Technology in Compact Laser Plasma Accelerator at Peking University

Sprecher

Ke Chen

12:30