

MLZ User Meeting 2024

Thursday 5 December 2024

Positrons: e+ I (13:00 - 14:30)

| time | [id] title | presenter |
|-------|---|----------------------|
| 13:00 | Welcome by Science Group | |
| 13:05 | [99] Open volume defects studies at NEPOMUC: highlights and future perspectives | Prof. BRUSA, Roberto |
| 13:40 | [75] Investigation of free o-Ps decay at near zero implantation energy at the SLOPE facility | SUHR, Maximilian |
| 14:05 | [26] Investigation of In-Flight Annihilation of Positrons using Coincidence Doppler Broadening Spectroscopy | CHRYSSOS, Leon |

Positrons: e+ II (15:00 - 16:40)

| time | [id] title | presenter |
|-------|--|-------------------|
| 15:00 | [31] Ab initio calculations of positron lifetimes and the comparison with lifetime measurements in photochromic rear-earth oxihydrides | DICKMANN, Marcel |
| 15:25 | [122] Positrons in a magnetic dipole trap: injection, confinement, and cooling | DELLER, Adam |
| 15:50 | [67] The Ophanim Detector: Data Flow Architecture and Power Supply of a spatially resolved Antihydrogen Detector | MUENSTER, Markus |
| 16:15 | [24] Development of a spatially resolved Antihydrogen Detector based on CMOS image sensor technology | BERGHOLD, Michael |

Positrons: e+ III (17:10 - 18:00)

| time | [id] title | presenter |
|-------|---|---------------|
| 17:10 | [96] Vacancy defects in CsPbBr ₃ | KEEBLE, David |
| 17:35 | [113] Pulsed Positron Beams for Materials Sciences at NEPOMUC | EGGER, Werner |