

Preliminary Agenda of the Semiannual Palaver of the Helmholtz Institute Jena

Thursday, 9 October 2025
JENOPTIK Lecture Hall, Helmholtzweg 5

| Time | Speaker | Title |
|-------|--------------------------------------|--|
| 14:00 | Thomas Stöhlker | Welcome Address |
| 14:10 | Chang Liu | High-Resolution EUV Ptychography for Quantitative Phenotyping of Bacteria under Antibiotic Stress |
| 14:30 | Nikita Larin | Extended Locally Monochromatic Approximations of Strong-field QED Processes |
| 14:50 | Danish Dar | Modeling of Strong-field Ionization Processes |
| 15:10 | Ehsan Eftekhari Zadeh | Hot and Dense Plasma Generation by Interaction of Ultra-Short and Ultra-Intense Laser Pulses with Solids |
| 15:30 | Coffee Break (30') | |
| 16:00 | Günter Weber | Precision X-ray Spectroscopy of Helium-like Uranium Using Metallic Magnetic Microcalorimeter Detectors |
| 16:20 | Marc Oliver Herdrich | AI for MMCs: Machine Learning Approaches for Metallic Magnetic Microcalorimeters |
| 16:40 | Volker Tympel | Outreach & Balloons: Why We Did Not Die in April '25 |
| 17:00 | End of the Semiannual Meeting | |