

8. Annual MT Meeting

Monday 26 September 2022

Accelerator Research and Development - Main Auditorium (14:00 - 15:40)

-Conveners: Song Li (technical support)

time	[id] title	presenter
14:00	[17] Investigating energy futures: The KITTEN test facility for sustainable research infrastructures	DE CARNE, Giovanni
14:20	[18] RRR measurements of niobium samples after vacuum heat treatments with and without nitrogen	BATE, Christopher
14:35	[19] Understanding Flux-trapping in niobium samples	KRAMER, Felix
14:50	[20] High temperature superconductors and magnet technologies	FATEHI, Samira
15:05	[21] Development of a new HTS Nuklotron cable for fast ramped S.C. magnets	WINKLER, Tiemo
15:20	[22] Recent superconducting cw-Linac-efforts at GSI/HIM	DZIUBA, Florian

Accelerator Research and Development - Main Auditorium (16:10 - 17:25)

-Conveners: Elena Svystun (technical support)

time	[id] title	presenter
16:10	[23] A Quarter-wave-resonator based SRF Gun for the LCLS-II High Energy project	XIANG, Rong
16:25	[24] Status of Beam-Based Feedback Research and Development for CW Linac ELBE	MAALBERG, Andrei
16:40	[25] First Measurement of Quantum Diffusion in a Linear Accelerator	Dr TOMIN, Sergey
16:55	[26] Current status and future development of laser-lab infrastructure at HI-Jena	SÄVERT, Alexander
17:10	[27] Recent research highlights from the plasma-wakefield-accelerator experiment FLASHForward	D'ARCY, Richard

Tuesday 27 September 2022

Accelerator Research and Development - CSSB Lecture Hall (14:15 - 16:15)

-Conveners: Elena Svystun (technical support)

time	[id] title	presenter
14:15	[28] Highlights and Perspectives of Laser Plasma Accelerator Research in ARD	SCHRAMM, Ulrich
14:35	[29] Permanent magnet design for BESSY II and BESSY III	VOELKER, Jens
14:50	[30] Femtosecond Synchronization at EuXFEL: Challenges, Limitations and Mitigation Path	CZWALINNA, Marie Kristin
15:10	[31] Observations of Effects on Beam Dynamics at Negative Momentum Compaction Factors	SCHREIBER, Patrick
15:25	[32] Proton acceleration at DRACO-PW Laser surpassing the 100 MeV frontier	ZIEGLER, Tim
15:40	[33] From usage of machine learning to possible impact in the ARD research program	BRUENDERMANN, Erik
16:00	[49] First Lasing of the THz SASE FEL at PITZ	BOONPORNPRASERT, Prach