

DESY-TEMF meeting

📅 Thursday Jul 3, 2025, 9:00 AM → 6:40 PM Europe/Berlin

📅 Room 114 (TEMF, TU Darmstadt)

Description Collaboration meeting in Darmstadt

9:00 AM	→ 9:30 AM	Surface Impedance of Multilayered Superconducting Cavities 📅 30m	📅 Room 114
Speaker: Aaron Gobeyn (TEMF, TU Darmstadt)			
9:30 AM	→ 10:00 AM	Comparing geometry variants of the single mode cavity 📅 30m	📅 Room 114
Speaker: Leon Kronshorst (TEMF, TU Darmstadt)			
10:00 AM	→ 10:30 AM	STERN: Superradiant THz radiation generation at EuXFEL 📅 30m	📅 Room 114
Speaker: Juna Wernsmann			
10:30 AM	→ 11:00 AM	Coffee Break 📅 30m	📅 Room 114
11:00 AM	→ 11:30 AM	A gravity cavity - detecting high-f gravitational waves with SRF cavities 📅 30m	📅 Room 114
Speaker: Marc Wenskat (UHH / DESY)			
11:30 AM	→ 12:00 PM	Pickup-Signal Calculation for a 1.6 Cell Superconducting RF Gun 📅 30m	📅 Room 114
Speaker: Wolfgang Ackermann (TU Darmstadt)			
12:00 PM	→ 12:20 PM	First Measurements of the Fast Corrector Magnets for PETRA IV 📅 20m	📅 Room 114
Speaker: Jan-Magnus Christmann (TEMF, TU Darmstadt)			
12:20 PM	→ 1:50 PM	Lunch Break 📅 1h 30m	
1:50 PM	→ 2:20 PM	Updates on the Coupled Simulation of Wakefield and Space Charge Effects 📅 30m	📅 Room 114
Speaker: Jonas Christ (TEMF, TU Darmstadt)			
2:20 PM	→ 2:40 PM	Status of PETRA IV and its collective effects 📅 20m	📅 Room 114
Speaker: Sergey Antipov (MPY (Beschleunigerphysik))			
2:40 PM	→ 3:00 PM	Simulation study of nanostructured plasmonic copper photocathodes 📅 20m	📅 Room 114
Speaker: Margarita Bulgacheva (TEMF, TU Darmstadt)			
3:00 PM	→ 3:30 PM	Hybrid Transmission Conditions for the Schwarz Domain Decomposition Method 📅 30m	📅 Room 114
Speaker: Frederik Quetscher (TEMF, TU Darmstadt)			
3:30 PM	→ 4:00 PM	Coffee and General Discussion 📅 30m	📅 Room 114