

MML Workshop RT1 – Matter, 11./12.07.2024

HZB, Albert-Einstein-Straße 12, 12489 Berlin-Adlershof

Thursday, 11th July 2024, BESSY II lecture hall – SCIENCE IN MML-RT1 AT DESY, HZB, HZDR, GSI	
13:00 – 14:00	Welcome and Registration – BESSY II lobby
Session 1: High Energy Density Science (Chair: Manuel Vogel)	
14:00 – 14:20	Introduction <i>Manuel Vogel</i>
14:20 – 14:40	HED/Fusion: PHELIX at GSI <i>Abel Blazevic</i>
14:40 – 15:00	Titel <i>Joachim Hein</i>
15:00 – 15:20	Fiber Laser driven EUV Sources and Applications <i>Jan Rothhardt</i>
15:20 – 15:40	Astrophysics: Ions at PETRA III and XFEL <i>Sonja Bernitt</i>
15:40 – 16:20	Coffee break – BESSY II lobby
Session 2: Science Highlights at our Photon Facilities (Chair: Tobias Lau)	
16:20 – 16:45	Stringent limits on Classical Nucleation Theory in supercooled atomic liquids <i>Robert Grisenti</i>
16:45 – 17:10	Nuclear Quantum Optics <i>Lars Bocklage</i>
17:10 – 17:35	Chemical Dynamics at BESSY II <i>Alexander Föhlisch</i>
17:35 – 18:00	Lasertechnology for FELs <i>Ingmar Hartl</i>
19:00	Dinner – Due Amici, Rudower Chaussee 24, 12489 Berlin

Friday, 12th July 2024, BESSY II lecture hall – SCIENCE AND RESEARCH STRATEGY	
Session 3: Science and Research Strategy (Chair: Franz Kärtner)	
09:00 – 09:30	FLASH Update <i>Markus Gühr</i>
09:30 – 10:00	Preparation of POF V <i>Franz Kärtner</i>
10:00 – 10:30	POF IV Review, Current Developments in MML and RT1 <i>Thomas Stöhlker, Franz Kärtner, Tobias Lau</i>
10:30 – 11:00	Coffee break – BESSY II lobby
11:00 – 12:00	General Discussion <i>Franz Kärtner, Thomas Stöhlker, Tobias Lau</i>
12:00 – 13:00	Lunch break - BESSY II lobby
13:00 – 15:00	Lab visit: BESSY II <i>TES-AXSYS, Ion Trap, Liquid Jet XPS, METRIXS, etc.</i>
15:00	Departure