

14th BESSY@HZB User Meeting on Thursday, 8th of December 2022

08:00 - 09:00	Registration & Lobby Talk	60 Min.
08:15 - 09:00	Networking Carousel - Match Making Event	45 Min.
09:00 - 10:20	Synchrotron Session (Chair: Christian Jung)	80 Min.
09:00 - 09:10	Bernd Rech - Welcome to the User Meeting 2022	10 Min.
09:10 - 09:30	Antje Vollmer - News from BESSY II and BESSY III	20 Min.
09:30 - 09:50	Markus Ries - Operation and Development of BESSY II and MLS	20 Min.
09:50 - 10:00	Jan-Dierk Grunwaldt (KIT, DE) - KFS	10 Min.
10:00 - 10:10	Cormac McGuinness (TCD, IR) - The European Synchrotron and FEL User Organisation (ESUO) - Working on behalf of users	10 Min.
10:10 - 10:20	Silvana Westbury (Diamond, UK) - Update on Lightsources.org activities	10 Min.
10:20 - 11:00	Break: Vendor Exhibition & Poster Exhibition & Lobby Talk	40 Min.
11:00 - 12:00	Scientific Lectures - Part I (Chair: Vicente Zamudio-Bayer)	60 Min.
11:00 - 11:20	Energy Conversion - Jan Niklas Hausmann (TUB, DE) The Effect of Precatalysts and Reconstruction Conditions on the Oxygen Evolution Reaction	20 Min.
11:20 - 11:40	Energy Storage - Sven Hampel (TU Clausthal, DE) Vanadium speciation in polymer electrolyte membranes used in vanadium redox flow batteries	20 Min.
11:40 - 12:00	Matter & Material - Mayara da Silva Santos (HZB, DE) Identification of reactive metal-oxygen species in the gas phase <i>via</i> soft X-ray spectroscopy	20 Min.
12:00 - 13:00	Break: Vendor Exhibition & Poster Exhibition & Lobby Talk	60 Min.
12:30 - 13:00	Networking Carousel - Match Making Event	30 Min.
13:00 - 14:20	Scientific Lectures - Part II (Chair: Frank Lennartz)	80 Min.
13:00 - 13:20	The 4000th protein structure at MX - Christian Meyners (TU Darmstadt, DE) Structure-based drug discovery for FKBP51 – targeting depression, chronic pain and diabetes	20 Min.
13:20 - 13:40	Life Science & Health at MX - Friederike Füsser (Uni Münster, DE) Fragment-based drug design for the development of new antituberculosis drugs	20 Min.
13:40 - 14:00	Information Technology - Lourdes Marcano (UPV/EHU, ES) Quantifying the magnetic anisotropy of magnetic nanoparticles in biological vehicles	20 Min.
14:00 - 14:20	Life Science & Health - Nils Schuth (CINVESTAV, MX) <i>In vivo</i> detection of zinc-storing compounds in Drosophila utilizing X-ray absorption spectroscopy	20 Min.
14:20 - 15:00	Break: Vendor Exhibition & Poster Exhibition & Lobby Talk	40 Min.
15:00 - 16:00	Poster Slam (Chair: Roland Müller)	60 Min.
16:00 - 17:00	Poster Session - Live chats with poster presenters	60 Min.
17:00 - 18:00	Public Lecture (Chair: Antje Vollmer) Seth R. Marder: Thoughts About the Right Here, Right Now Global Climate Summit	60 Min.
ALL-DAY ALONGSIDE THE MEETING: VENDOR EXHIBITION & POSTER EXHIBITION		