

SNI2022 @ FU Berlin – Programme (as of 16.6.2022)

Monday September 5 th , 2022			
9:00	<i>Welcome</i>		
9:15	<i>Plenary Talk:</i> Structural Disorder in Photovoltaic Absorber Materials – Curse or Blessing for the Solar Cell? - <i>Susan Schorr (FU Berlin & HZB)</i>		
10:00	<i>Plenary Talk:</i> Ion-Track Nanotechnology: from the filter production to highly sensitive biomimetic sensors and energy materials – <i>Maria Eugenia Toimil-Morales (GSI)</i>		
10:45	<i>Coffee break</i>		
11:15	Parallel Session Energy	Parallel Session Methods & Instrument Developments 1	Microsymposium Digitalisation (DAPHNE, ErUM-Data)
12:45	<i>Lunch break</i>		
13:45	<i>Keynote Talk:</i> Unveiling the Dynamic Behavior of Catalysts through <i>In Situ</i> Microscopy and <i>Operando</i> Spectroscopy – <i>Beatriz Roldan Cuenya (FHI der MPG)</i>		
14:15	Microsymposium <i>In-situ & operando</i> Studies in Solid State Research	Microsymposium Earth, Environmental & Climate Science	Microsymposium Artificial Intelligence for Large-scale Facilities
15:45	<i>Coffee break</i>		
16:15	Poster Session 1		
18:15	<i>Break</i>		
19:00	<i>Public Lecture</i>		

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Tuesday September 6 th , 2022			
9:00	Welcome		
9:15	<i>Keynote Talk:</i> COVID19: The pandemic Response in Structural Biology – <i>Andrea Thorn (U Hamburg)</i>		
9:45	<i>Keynote Talk:</i> From μm to mm scale - the Application of Ions in Radiobiology and Radiation Medicine – <i>Judith Reindl (Ud BW München)</i>		
10:15	Coffee break		
10:45	Microsymposium Multi-scale Protein Dynamics	Microsymposium Industry, Innovation & Transfer	Microsymposium Magnetism in 4d and 5d Transition Metal Compounds (65 years Mößbauerspectroscopy)
12:15	Lunch break		
13:15	<i>Keynote Talk:</i> Probing interfacial Structure and Dynamics around Nanoparticles with X-rays and Neutrons – <i>Mirjam Zobel (RWTH Aachen)</i>		
13:45	Parallel Session Health, Life & Biology	Parallel Session Materials Engineering	Parallel Session Methods & Instrument Developments 2
15:15	Coffee break		
15:45	Poster Session 2		
17:45	Break <i>(length tbd)</i>		
19:30	Reception <i>(Tipi am Kanzleramt)</i>		

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Wednesday September 7 th , 2022			
9:00	<i>Plenary Talk:</i> When X-rays go Quantum: From Cavity QED to Quantum Imaging – <i>Ralf Röhlsberger (U Jena & HI Jena)</i>		
9:45	<i>Keynote Talk:</i> X-ray Nanofocus for spatially resolved Studies of Mesocrystals – <i>Ivan Zaluzhnyy (U Tübingen)</i>		
10:15	Coffee break		
10:45	Parallel Session Soft Matter & Liquids	Parallel Session Methods & Instrument Developments 3	Parallel Session Magnetism & Functional Materials
12:15	Awards & Award Talks		
13:15	Closing		
13:30	<i>Departure Visit BESSY II</i>		
14:00 - 17:00	<i>Visit BESSY II</i>		