

Time	Sunday, 23.03.2025	Monday, 24.03.2025	Tuesday, 25.03.2025	Wednesday, 26.03.2025	Thursday, 27.03.2025	Friday, 28.03.2025
	Sunderhof (Seevetal)	Sunderhof (Seevetal)	Hamburg (PETRA III@DESY)	Lund (ESS / LINXS)	Lund (MAX IV)	Lund (LINXS)
09:00-09:45		Fundamentals of neutron scattering and the application of synchrotron radiation - Properties of neutrons and photons, scattering theory (Martin Müller)	Practical at PETRA III: 1) P02.1 (Powder Diffraction) 2) P03 (Scanning Nanodiffraction) 3) P05 (Imaging, Microtomography) 4) P07 (Dilatometer) 5) P07B (Residual Stress) 6) P21 (<i>In situ</i> SAXS/WAXS) 7) P61A (Strain Scanning, Energy dispersive diffraction) 8) Evaluation station (pydidas software)	ESS Tour	Practical at MAX IV: 1) Balder (XAS, XES) 2) DanMAX (High-pressure powder X-ray diffraction) 3) ForMAX (Imaging, SWAXS) 4) NanoMAX (Nanoscale strain mapping) 5) CoSAXS (SAXS) 6) HIPPIE (APXPS) 7) FemtoMAX (Ultrafast experiments) 9) O-PTIR and AFM-IR microscopy 09:00 – 12:00 13:00 – 16:00 16:00 - 17:45 Introduction and Preparation of Experiments at MAX IV and/or Preparation of Presentations on Friday (Results of experiments) 18:00 Bus Departure (to Restaurant "Hos Talevski/ Stadsparkscaf��et") (R��ntgen's 180. Birthday!)	Secrets hidden in diffraction peaks (P��emysl Beran)
10:00-10:45		Scattering Theory, Correlation Function (Ella Schmidt)				Results of experiments
11:15-12:00		Structure determination (Ella Schmidt)				Studying Materials Degradation with X-rays (Alfred Larsson)
12:15-13:00		Real Structure, Defects and Residual Stress (Reinhard Neder)		Lunch at the ESS		Final discussion and Lunch
13:00-14:15		Lunch		SAXS, Reflectivity (Ann Terry)		13:30 Bus Departure (to Copenhagen Airport and Hamburg Central Station)
14:15-15:00		Nanodiffraction (Christina Krywka)		Combining full-field tomographic imaging with scattering techniques (Kim Nyg��rd)		
15:15-16:00		Imaging (Imke Greving)		X-ray Spectroscopy (Jan Erik Rubensson)		
16:15-17:00		Engineering Materials Science (Ulrich Lienert)		Coherent Imaging (Pablo Villanueva Perez)		
17:15-18:00	Arrival of participants and dinner (18:00)	Strain Scanning (Guilherme Abreu Faria)		Synchrotron techniques for surfaces (Lindsay Richard Merte)		
19:00-19:45	Introduction into Scattering (Martin M��ller)		18:00 Bus Departure			
20:00-22:00	Get-Together	Posters	Transfer to Lund (Bus/Ferry)			