

Time	Saturday 19.08.	Sunday 20.08.	Monday 21.08.	Tuesday 22.08.	Wednesday 23.08.	Thursday 24.08.	Friday 25.08.	Saturday 26.08.
	Arrival	Sources & Methods	Quantum Matter	Functional Materials & Engineering	Soft Matter & Life Science	Energy & Environment	Lund Visit	Departure
07:30-08:30	Breakfast							
08:30-09:30	Welcome Party	Opening Ceremony	Wolfgang Eberhardt Ultimate storage rings and FELs - why do we need both?	Sergey Grigoriev Exotic magnetic structures in the light of neutron scattering	Hanna Wacklin Neutron techniques for biomedical research	Robert Schlögl Energy systems of the future	Travel to Lund	Check out & Departure
09:30-10:30		Introductory Lecture Ulf Karlsson Grand Challenges	Roman Mankowsky Coherent optical control and nonlinear probing of quantum matter	Winfried Petry In-operando stress analysis with neutrons	Mark Telling Macromolecular dynamics studied by high-energy- resolution neutron spectroscopy	Kristina Edström Batteries for energy storage		
10:30-11:00		Coffee & Tea						
11:00-12:00		Thomas Brückel Research with neutrons: from reactors to high brilliant compact neutron sources	Marc Janoschek Dissecting quantum matter with neutrons	Jens Birch In situ high-energy x-ray characterization of hard protective tool coatings	Richard Neutze XFEL studies of time resolved structural changes in integral membrane proteins	Johan Svenningsson The Swedish energy transformation	Coffee & Tea	
12:00-12:30		Free time					Shane Kennedy Introduction to the European Spallation Source	
12:30-13:30		LUNCH					LUNCH at Elite Ideon Hotel	
13:30-14:30		Robert Feidenhans'l The European XFEL	Christoph Brüne Topological phases and Dirac states in condensed matter - the HgTe materials	Daniel Söderberg Future of green construction materials	Anton Barty A revolution in x-ray biomolecular imaging	Johannes Messinger Artificial photosynthesis and solar fuels	Christoph Quitmann Welcome to & science at MAX IV	
14:30-15:30		Alexander Belushkin Introduction to neutron scattering techniques	Stefan Eisebitt An x-ray view on ultrafast magnetic phenomena	Alexander Soldatov Local atomic structure of functional materials on the picometer scale	Tutorials IV	Raif Vasilov The fourth industrial revolution and the biosphere	Visits to ESS & MAX IV	
15:30-16:00		Coffee & Tea						
16:00-17:00		Charles S. Fadley The future of soft and hard x-ray photo-emission: probing the boundaries	SCIENCE SLAM I Preparation	Konstantin Boyko Protein crystallography - from structure to function : A user's viewpoint	Excursion to Karlskrona	Tutorials V	Coffee & Tea	
17:00-18:00	Tutorials I	Tutorials II	Tutorials III	SCIENCE SLAM II Presentations		Keynote Lecture Nils Mårtensson Alfred Nobel and the Nobel Prizes		
18:00-19:00	Free time		CREMLIN Session Big Data	Dinner		Check-in Hotel in Lund		
19:00-20:00	Dinner					Gala Dinner & Awards		
20:00-22:00	Poster Session I	Poster Session II	Poster Session III	Free time				