

Nordic Particle Accelerator School, NPAS-2015, August 17-23, 2015

	Monday 17	Tuesday 18	Wednesday 19	Thursday 20	Friday 21	Saturday 22	Sunday 23		
	Introduction	Accelerator Physics	Beam Diagnostics and RF Technologies	Magnet and Vacuum Technologies	Applications for Accelerators				
C1 8:45	Welcome by Prof. A. Karlsson Introduction to Synchrotron Light Sources Pedro Fernandes Tavares	Accelerator Physics Optics & Tools Sverker Werin	Beam Diagnostics for Particle Accelerators Maja Olvegård	Magnet Technology Franz Bødker	Production of Synchrotron Radiation Sverker Werin	Work on Projects	Examination 9:00		
C2 9:45	Accelerator Physics Introduction Francesca Curbis	Accelerator Physics Optics & Tools Sverker Werin	Beam Diagnostics for Particle Accelerators Maja Olvegård	Magnet Technology Franz Bødker	Production of Synchrotron Radiation Sverker Werin				
C3 10:30	Accelerator Physics Introduction Francesca Curbis	Accelerator Physics Optics & Tools Sverker Werin	Accelerator Components and Technologies Christine Darve	Techniques of Vacuum Pauli Heikkinen	Medical Applications of Electron Accelerators Lars Præstegaard				
C4 10:45	Introduction to Spallation Source Mats Lindroos	Accelerator Physics Optics & Tools Sverker Werin	RF Sources Carlos Martin	Techniques of Vacuum Pauli Heikkinen	Medical Application of Proton Accelerators Lars Præstegaard				
T1 14:00	Exercises, Acc. Physics Galina Skripka	Exercise, computer simulations Teresia Olsson	Visit Max-IV and ESS Joel Andersson and Christine Darve	Exercise, Beam diagnostic Maja Olvegård	Applications to Particle Physics and Nuclear Physics Erik Adli			13:00	
T2 15:00	Exercises, Acc. Physics Galina Skripka	Exercise, computer simulations Teresia Olsson	Visit Max-IV and ESS Joel Andersson and Christine Darve	Exercise, RF Systems Anders Karlsson and Carlos Martins	Pushing the frontiers Erik Adli				
T3 16:00	Visit Old Max-Lab Olivia Karlberg	Instruction for project and examination Anders Karlsson	Visit Max-IV and ESS Joel Andersson and Christine Darve	Project Progress Anders Karlsson					
	BBQ	Work on Projects							