

# 1st PRISMAS Summer School



**Sunday 8 June 2025 - Friday 13 June 2025**

**Backagården**

## School Programme

Sunday 8. June

**17:00** Bus leaves MAX IV

**17:30** Arrival at Backagården

**18:00** Dinner

**19:00-20:00** Lecture - Håkan Wallander

*"Soils, mycorrhizal associations and a vision for a future agriculture"*

**20:00** Welcome reception

Monday 9. June

**7:30** Breakfast

**8:30-9:15** Lecture - Francesca Curbis, Lund University

*"Synchrotron Radiation: Generation and Properties"*

**9:15-10:00** Lecture - Peter Sondhauss, MAX IV Laboratory

*"Beamline Design and Components"*

**10:00** Coffee Break

**10:30-11:15** Lecture - Gunnar Öhrwall, MAX IV Laboratory

*"Overview of synchrotron techniques"*

**11:15-12:00** Lecture - Marjolein Thunnissen, MAX IV Laboratory

*"Introduction to X-ray diffraction"*

**12:00** Lunch

**13:15-14:00** Lecture - Sven Lidin, Lund University

*"TBD"*

**14:00** Coffee Break

**14:30-16:00** Lecture - Ann Terry, MAX IV Laboratory

*"Introduction and applications of small angle scattering"*

**16:00-18:00** Group work – preparation for practicals

**18:00** Dinner

Tuesday 10. June

**7:30** Breakfast

**8:30** Bus to MAX IV

**9:00-12:00** Practicals with beamline hosts

**12:00** Lunch

**13:00-17:00** Practicals with beamline hosts

**17:30** Pizza Dinner at MAX IV

**19:30** Bus to Backagården

Wednesday 11. June

**7:30** Breakfast

**8:30-9:15** Lecture & Workshop - Cameron Neylon, Curtin University

*"Open science and Research Data Management"*

**9:15-11:15** Continue with Lecture & Workshop

**10:00** Coffee during the Workshop

**11:15-12:00** Lecture - Rebecca Pittkowski, Copenhagen University

*"Pair Distribution Function (PDF) basics and applications"*

**12:00** Lunch

**13:15-14:00** Lecture - Derek Logan, SARomics Biostructures AB and Lund University

*"TBD"*

**14:00-14:45** Lecture - Mathias Norrman, Novo Nordisk A/S

*"TBD"*

**14:45-15:30** Lecture - Lars Fahl Lundegaard, Haldor Topsoe A/S

*"TBD"*

**15:30** Coffee break

**16:00-16:45** Lecture - Mira Viljanen, MAX IV Laboratory

*"Scanning X-ray Scattering Imaging for Nanoscale Structural Mapping of Lignocellulosic Systems"*

**16:45-17:30** Lecture - Andrea Scotti, Lund University

*"Neutrons or X-rays, that is the question!"*

**18:00** Dinner

Thursday 12. June

**7:30** Breakfast

**8:30-9:15** Lecture - Dörthe Ravnsbæck, Aarhus University

*"TBD"*

**9:30-12:00** Workshop *Proposal writing*

**10:00** Coffee during the Workshop

**12:00** Lunch

**13:00** Excursion / free afternoon

**18:00** Dinner

**20:00** Social Gathering

Friday 13. June

**7:30** Breakfast

**8:30-10:00** Group work *Finalize presentations*

**10:00** Coffee break

**10:15-12:00** Group presentations

**12:00** Take-away Lunch

**13:00** Bus to Lund