

ADMIRE

ADvanced Microscopy Research Environment

A PhD research school at Lund University

October 19-20, 2023

Hotell Mossbylund, <https://mossbylund.se/en/>

Organizers: Pablo Villanueva-Perez, Edvin Lundgren

Program

Thursday, October 19, 2023

08:30 Bus leaves Professorsgatan 1

09:30 Arrival and coffee

10:00 Student presentations, each 4 min, including name, faculty/department/group, microscopy technique, PhD topic. More?

12:00 Lunch

13:00 Dr. Christian Schelepuetz (Paul Scherrer Institute): X-ray microscopy

13:30 Dr. Karina Thanell (MAX IV): X-ray imaging and microscopy at MAX IV

14:00 Dr. Robin Woracek: Imaging and microscopy at ESS

14:30 Coffee

15:00 Anders Mikkelsen: Microscopy at NanoLund

15:20 Daniel Madsen: Electron microscopy at nCHREM

15:40 Ola Gustafsson: M-BIO lab (Microscopy laboratory at Biology)

16:00 Sebastian Wasserstrom (Lund Bioimaging Centre)

16:30 Guess the technique+announcement of winning group? Prize?

17:00 Quizz+announcement of winning group? Prize?

17:30 Free time

19:00 Dinner

Friday, October 20, 2023

6:00 Micro run

7:30 Breakfast

09:00 Tutorial and demo scanning: X-ray, light and electron tomography with Emanuel Larsson (QIM/CIPA/LU) and Daniel Madsen (nCHREM)

10.00 Coffee and demo KBLT (voluntary)

10:30 Tutorial and coding exercise: X-ray, light and electron tomography with Emanuel Larsson (QIM/CIPA/LU) and Daniel Madsen (nCHREM)

11:30 Evaluation of workshop in groups

12:00 Lunch

13:00 Bus leaves