

Workshop for teachers at MAX IV Laboratory

Sunday 14 June 2015 - Tuesday 16 June 2015

MAX IV Laboratory

Program

Program

Sunday, June 14

10:00 Registration and coffee

10:30 Introduction (Anna Sankari)

10:45 MAX IV Laboratory (Jesper Andersen)

11:30 Accelerators and synchrotron light (Teresia Olsson)

12:30 Lunch

13:30 Optics and beamlines (Rami Sankari)

14:30 About Monday's experiments (Anna Sankari)

14:45 Coffee

15:15 Transport to MAX IV -site

15:30 Roundtour at MAX IV facility

18:00 Dinner at MAX IV

Monday, June 15

9:00 Safety in the lab (Stefan Wiklund)

9:15 Short presentation before the tour (Katarina Norén, Teresia Olsson)

9:45 Tour in the lab 1/2 (Katarina Norén, Teresia Olsson)

10:30 Coffee

10:45 Tour in the lab 2/2 (Katarina Norén, Teresia Olsson)

11:30 Experimental methods (Anna Sankari)

12:00 Lunch

12:45 Experiment on beamline (D6, D7, I311, I511, I811, I911)

16:45 Preparations for presentation

17:30 Dinner + Classroom Activities (Tracy Walker)
Tuesday, June 16

9:00 Preparations for presentation

9:30 Presentations of yesterday's experiments

10:15 Coffee

10:30 Presentations cont.

11:00 Research at MAX IV Laboratory:

11:00 A Structural Biologist's view on Structure based drug design on HIV-1 protease (Johan Unge)

11:30 Catalysis research in new light (Sara Blomberg)

12:00 Skräcködlor, dinosaurier och konsten att färga det förflutna (Per Uvdal)

12:30 Lunch

13:30 Activities for students at synchrotron facilities:

13:30 High-school students at MAX-lab (Gunilla Johansson)

14:00 Students on the Beamlines (Tracy Walker)

15:00 Final remarks