

Cryo-EM days

2-day PhD course on cryo-electron microscopy December 1-2, 2016
and inauguration of the cryo-EM facility at Aarhus University



**Get an overview of the cryo-EM microscopy methods
Lectures are open to all interested!**

Program:

Thursday 1/12:

- 8-9 Registration
- 9-10 Welcome and inauguration of cryo-EM facility by Poul Nissen
- 10-11 Coffee break and student 1-min project presentations
- 11-12 Christopher Russo: Specimen preparation for high-resolution cryo-EM
- 12-13 Lunch break
- 13-14 Facility tour
- 14-15 Ariane Briegel: New insights into bacterial behavior from electron cryotomography
- 15-16 Rafael Fernández Leiro: Single-particle analysis using RELION
- 16-19 Hands-on RELION tutorial
- 19 Dinner
- 21-? Open sessions

Friday 2/12:

- 9-10 Coffee and chat
- 10-11 Ebbe Sloth Andersen: Bio-nanostructures as tools for structural biology
- 11-12 Arne Möller: Dynamics of membrane transporters
- 12-13 Lunch break
- 13-14 Carsten Sacke: Helical reconstruction using SPRING
- 14-17 Hands-on SPRING tutorial
- 17 Final remarks and pizza

Place: iNANO Auditorium (1593-012), Gustav Wieds Vej 14, 8000 Aarhus C

Registration deadline: Wednesday, November 23, 2016.

To sign up for the course go to the course website at

inano.au.dk/cryo-em-days

