



Alumni Club Denmark Seminar

Micro electron diffraction: impact in protein science and chemistry

11.00-18.00 on 13th February 2025

Plenary speaker: [Prof. Koji Yonekura, RIKEN Spring-8 Center and IMRAM, Tohoku University](#)

Exploring chemical properties through 3D ED and cryo-EM

Click on logos
and speaker
names for links!

The event will also include

- an introduction to and experiences from the [NNF-CHEM infrastructure Center for Electron Diffraction](#) (Prof Jesper Bendix and facility manager Arianna Lanza)
- short talks by facility users
- information on JSPS grants
- a poster session open to all participants
- final reception

Venue: [Department of Chemistry](#), University of Copenhagen, Universitetsparken 5, Copenhagen

Main organizer: [Prof. Leila Lo Leggio](#) leila@chem.ku.dk

Updates at: https://sid.erd.dk/share_redirect/gooWtgrOZ6

REGISTRATION IS OPEN [here](#) – **DEADLINE 9.th February 2025**

Program on next page



novonordisk
fonden

Final program (updates at https://sid.erd.dk/share_redirect/gooWtgrOZ6)

11.00-11.15: Arrival and registration (in front of Auditorium 5, HCØ Building, Department of Chemistry) – follow the signs from the entrance(s) to the Department

Auditorium 5, HCØ Building, Department of Chemistry

11.15-11.25: Welcome and introduction to the event (Prof Leila Lo Leggio, Department of Chemistry and chair of JSPS ACD)

11.25-11.45: The **NNF-CHEM infrastructure Center for Electron Diffraction** at the Department of Chemistry, University of Copenhagen (Prof Jesper Bendix, Department of Chemistry, facility leader)

11.45-12.05: Selected examples of structures solved at the facility (Arianna Lanza, Department of Chemistry, facility manager)

12.05-12.25: “Nanocrystalline new bonds” Marcus Hilding Andersson, PhD student, Department of Chemistry, University of Copenhagen

12.25-13.15: Lunch and poster set up at *Sydenden af vandrehallen* (follow the locals!)

Auditorium 5, HCØ Building, Department of Chemistry

13.15-14.15: Main speaker, Prof Koji Yonekura, RIKEN SPring-8 Center and IMRAM, Tohoku University “Exploring chemical properties through 3D ED and cryo-EM”

14.15-14.35: short coffee break

14.35-14.55: “Extended Tetrathiafulvalene Redox Systems and Their Dicationic Structures”, Viktor Bliksted Roug Pedersen, PostDoctoral Researcher, Department of Chemistry, University of Copenhagen

14.55-15.15: “Organic Solid Materials for Carbon Capture”, Margarita Poderyte, PhD student, Department of Chemistry, University of Copenhagen

15.15-15.30: “Microcrystals of Lytic Polysaccharide MonoOxygenase for Synchrotron Serial Crystallography (and electron diffraction)”, Zhiyu Huang, PhD student

15.30-15.40: JSPS fellowship information

15.40-15.50: Closing remarks, Leila Lo Leggio

15.50-18.00: Poster session and reception at *Sydenden af vandrehallen* (follow the locals!)

The Department’s address (marked as Kemisk Institut on the map) is Universitetsparken 5, Copenhagen Ø, 2100. You can conveniently get bus 184, 185 or 150S from Nørreport train station. When at the Department, signs will guide you to Auditorium 5. Parking is very limited, contact leila@chem.ku.dk if you require a parking permit.

