

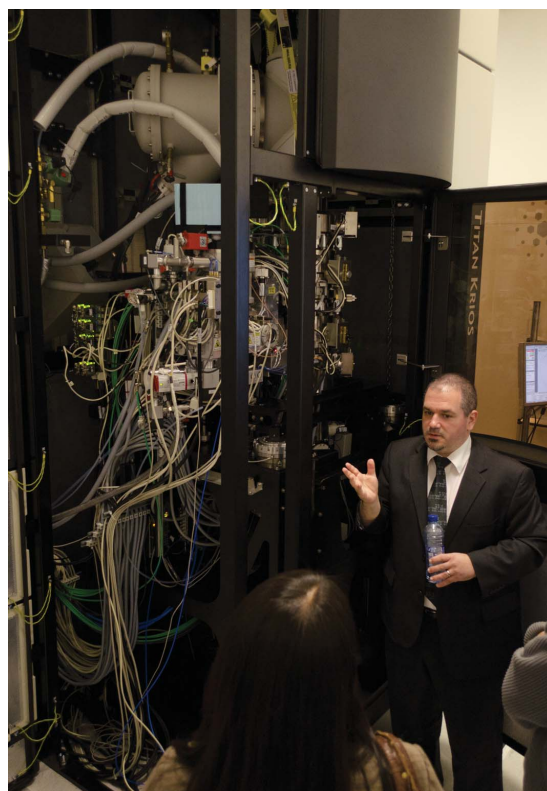
September was a busy month for all people working with NeCEN. The commissioning teams had several meetings and potential users could grasp the potential of the centre on September 22nd. At the same time engineers and scientists are working hard to get the microscopes ready for use. Ulrike Ziese (TU Delft) and Roman Koning (LUMC) have been appointed to operate the microscopes during the start-up phase.

Grasping the potential of NeCEN

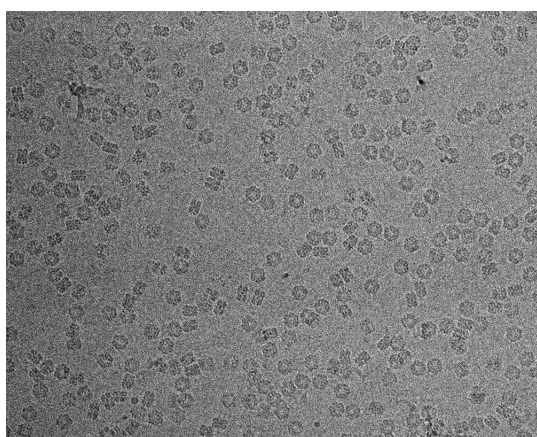
On September 22nd, about thirty potential users visited a meeting to get a preview of the centre. Among them were visitors from consortium partners, as well as companies that intend to use the microscopes. Talks by professor Jan Pieter Abrahams, professor Marin van Heel and Jeroen van der Leijé addressed general information about the centre, its microscopes, its potential for science and access procedures. NeCEN offers users microscope time through in house operators. There are two routes to get access: 1. via a peer review process (750 euro per day); 2. via open access (3000 euro per day). We expect to offer access by March 2012. Unfortunately the live demonstration of the microscopes was disturbed by a short power failure in a large part of Leiden. We welcome you for a second try on the official opening on October 27th or the Science Day on October 30th.

Program opening

Final preparations for the opening are being made and all speakers have been confirmed. The program can be found on our website www.necen.nl. The maximum number of participants for the first part of the afternoon is limited, hence registration is required.



Sacha de Carlo (FEI Company) shows one of the NeCEN microscopes to visitors.



Cryo-EM image of worm haemoglobin imaged on falcon detector of 'Krios 1'.

Microscope update

Microscope 'Krios 2' still needs some work, but the first images of real biological specimens have been made with 'Krios 1'. The commissioning team members will contribute to the tests on biological specimens. They had an introductory practical course on September 28th and made the image on the left. They will test 'Krios 1' for contamination, single particles, cryo-tomography, STEM tomography, diffraction and remote, TEM scripting and data transfer.

Events

- **2011-10-27:** Festive opening of NeCEN
- **2011-10-30:** Science day