A Brief Introduction to Cryo Soft X-ray Microscopy

An Update on Progress on the Cryo Full field soft X-ray Microscopy beamline, B24, at Diamond

Liz Duke

Diamond Light Source, Harwell campus, Oxfordshire, OX11 0DE

In my first talk I will give a very brief introduction to the technique of full field imaging using cryo soft X-ray microscopy in order to set the scene for the subsequent talks.

The second talk will comprise an update on progress on B24 which is the full field cryo soft X-ray microscopy beamline at Diamond. I will describe the operation of the beamline, the types of experiments envisaged and the progress we are making towards making the microscope available to the user community. I will also attempt to describe the way forward with future planned developments to the beamline in order to extend the technique to cover new and different samples.

Email corresponding author: liz.duke@diamond.ac.uk