Diamond User Committee (DUC)

Laura Spagnolo; University of Glasgow;
laura.spagnolo@glasgow.ac.uk

Sean Connell, CIC bioGUNE,
sconnell@cicbiogune.es

Jamie Blaza, University of York,
jamie.blaza@york.ac.uk

- Science Group: Biological Cryo-Imaging
  - Beamline B24: Correlative soft X-ray tomography and super-resolution fluorescence microscopy,
  - eBIC

- Role: Maximize benefit of investment in Diamond by facilitating close interaction with user base
  - Biological Cryo-Imaging Community was very engaged, received lots of feedback. Thanks!

Questions for the discussion points on the next slide should be emailed to Sean or Jamie before the meeting using eBIC UMQ in the subject line of the email.
Potential Discussion Points

• Using the eBIC Beamline – Yun Song
  o How should session lengths be adapted for K3? How much data do users want?
  o For tomography Session what do users expect? Tomo5/SerialEM? Sample changes?

• Training Initiatives -- Dan Clare
  o Awareness of training Activities? What type of training do users want?
  o EPU users and Super Users – Are two levels good?

• Cryo-FIB/SEM – James Gilchrist
  o How do we reduce the energy barrier to cryo-FIB? Screening days on a 200 KV machine?

• Processing Data on the eBIC Beamline -- Yuriy Chaban
  o What do users want in terms of processing? Is Relion ok or do people want more?
  o Do users use projects started at diamond? Why/Why not?

• B24 - Maria Harkiolaki
  o How do we further publicise B24 capabilities (utilities, resolution, correlation)? Is the B24 website informative about access routes
  o What automation is still needed for tomography and registration across techniques?
  o What type of training would make B24 more accessible?

• Administrative Issues: (shipping, Hotel bookings and transport)