

eBIC, the UK's national EM facility

D. Clare

Diamond Light Source Ltd, Harwell Science & Innovation Campus, Oxon, GB - OX11 0DE DIDCOT, UK,
daniel.clare@diamond.ac.uk

The electron Bio-imaging centre (eBIC), the UK's national cryo-EM facility, based at Diamond Light Source (DLS), aims to provide free at the point of access to high-end equipment through peer reviewed proposals. One of the many benefits of housing eBIC at DLS is the extensive infrastructure available onsite enables a fully supported and highly intensive external user programme similar to that offered on the other beamlines at DLS. Titan Krios I came online 6/2015 and is equipped with the latest generation of direct electron detectors. The first year of operation saw over 220 days of external user access with multiple structures solved. Currently eBIC has three Titan Krios microscopes available through the user program. A Talos Arctica and a Scios dual beam are also available for in-house research and will subsequently be incorporated into an expanded user and training program.