

NIBSC / JEOL / LEICA / Gatan CryoEM –Workshop

2nd-6th March 2015

NIBSC with JEOL (UK) Ltd. LEICA and Gatan are holding a dedicated cryo-workshop based on technologies installed at the NIBSC Imaging laboratory, Potters Bar, London, UK. The course will be held over 5 days commencing Monday 2nd March through to Friday 6th March 2015. Delegate numbers will be strictly limited to ensure maximum hands-on training.

The course will embrace cryo-preparation techniques using Cryo-FEGSEM, Cryo-TEM with GIF quantum and many associated preparation techniques: High pressure freezing (HMP010), Freeze fracture (Leica/BAF060), Cryo-sectioning, Freeze substitution, Vitreous thin films (plunge freezing), Tomography by serial-EM and automatic acquisition by JADAS will also be covered.

The ethos of the course is very much “hands-on” with technical support lectures from scientists in these fields and application support from JEOL, LEICA and invited specialists from University of Lausanne and Max Plank Institute. Instructors include: Kirsty MacLellan-Gibson (NIBSC); Bruno Humbel (UNIL); Heinz Schwartz (MPI Tuebingen); Andy Yarwood (JEOL UK); Ludovic Renault (CRUK); Jaap Brink (JEOL USA).

Day	Monday	Tuesday	Wednesday	Thursday	Friday
Topics covered	High pressure freezing, Freeze substitution and TEM (serial-EM)	High pressure freezing, CEMOVIS and TEM	High pressure freezing, Freeze fracture and cryoSEM	Tokuyasu, Immuno gold labelling and TEM	CryoTEM on thin films, JADAS and serial-EM

The course cost is £600.00 for the week or £125 per day including conference dinner and lunches but excluding accommodation.

Applications are invited, please include a brief description of your current interests to Gill Cathro
Email: Gill.Cathro@nibsc.org; Tel: +44 (0) 1707 641561; Fax: +44 (0) 1707 641578