Programme

Tuesday 18 September

(Armitage Room)

09.00 **Welcome and introduction**
Sharon Williams, ProMetic BioSciences Ltd

09.15 **Theory of ion exchange - an introduction**
Danish Malik, Loughborough University

10.15 **Integration of ion exchange chromatography in downstream processing of proteins**
Sylvio Bengio, Pall Life Sciences

11.00 Refreshments (Bar/Conservatory)

11.30 **Types of ion exchange support: membranes, beads, salt tolerant ion exchange, mixed mode**
Juan Martinez, Sartorius Stedim Biotech

12.00 **Types of ion exchange chromatography resins**
Andy Masters, GE Healthcare

12.30 **Micro scale-down technologies for high thoughput development of chromatographic separations**
Daniel Bracewell, University College London

13.00 Lunch (Cripps Hall)

14.00 **Ion exchange and mixed mode chromatography in process separations**
Sylvio Bengio, Pall Life Sciences

14.45 **Case study 1: Selecting and developing an ion exchange step as a direct capture step in a downstream process**
Based on the course content during the morning session of the training course, participants will have the opportunity to work with the course instructors to develop an ion exchange step for the direct capture of a target protein as part of a downstream process

15.30 Refreshments (Bar/Conservatory)

16.00 **Case study 2: Selecting and developing an ion exchange step for contaminant removal**
Based on the course content during the morning session of the training course, participants will have the opportunity to work with the course instructors to develop an ion exchange step for the removal of contaminants as part of a downstream process

17.15 **Closing remarks**

17.30 Close

IEX 2012: Technical Training
Ion Exchange Theory and Practice for Bioprocessing

Tuesday 18 September 2012, Queens' College, University of Cambridge, UK
Organised by SCI's Separation Science and Technology Group