



Provisional programme
Aberration Corrected and Quantitative (S)TEM
Monday 17 December 2007

9:30 - 10:30 REGISTRATION AND COFFEE

Morning session: chair TBC

10:30 - 11:00 **Pratibha Gai** – York
*Atomic Resolution-In situ Environmental (Scanning)
Transmission Electron Microscopy for Probing Gas-Solid
Reactions*

11:00 - 11:30 **Pete Nellist** - Oxford
*Optical sectioning methods in aberration corrected
STEM*

11:30 - 12:00 **Mhairi Gass** – Daresbury
*Aberration corrected STEM: the need for a further
dimension*

12:00 - 13:30 LUNCH BREAK + EXHIBITION

Afternoon I session: chair TBC

13:30 - 14:00 **David Eustace** – Imperial
*Principles and Applications of Monochromated
Electron Microscopy*

14:00 - 14:30 **Ursel Bangert** – Manchester
Title to be confirmed

14:30 – 14:45 **Peng Wang** – Daresbury
Title to be confirmed

14:45 - 15:30 COFFEE BREAK

Afternoon II session:

15:30 - 15:45 Talk 7 – to be confirmed

15:45 – 16:00 Talk 8 - to be confirmed

16:00 – 16:15 Talk 9 - to be confirmed

**Provisional programme
Advances in Tomography II
Tuesday 18 December 2007**



9:30 - 10:30 REGISTRATION AND COFFEE

Morning session: chair G Moebus

10:30 - 11:00 **Phil Withers** - Manchester
(X-ray tomography) title to be confirmed

11:00 - 11:30 **Bram Koster** - Leiden
*Electron tomography and the localization of proteins
within the cellular context*

11:30 - 12:00 **Paul Midgley** – Cambridge
*Recent Progress in Electron Tomography for Materials
Science*

12:00 - 13:30 LUNCH BREAK & EXHIBITION

Afternoon I session: chair B Koster

13:30 - 14:00 **Bill Lionheart** – Manchester
*Challenges in tomographic reconstruction: tensors and
limited data*

14:00 - 14:30 **P Cloetens** - Grenoble
Advances in synchrotron based X-ray tomography

14:30 - 15:00 **Bettina Boettcher** – Heidelberg
*Three-dimensional electron microscopy of multi-copy
biological objects*

15:00 - 15:30 COFFEE BREAK

Afternoon II session: chair P Cloetens

15:30 - 16:00 **G Moebus** - Sheffield
Electron Tomography for Nanomaterials

16:00 – 16:15 Talk 8 - to be confirmed (e.g. Paul Mummery)

16:15 – 16:30 Talk 9 - to be confirmed