

Biostruct-X Workshop - Programme



| Friday, March 22nd | | | | |
|---|-------|--|--|--|
| Hard X-ray imaging | | | | |
| 9:00 - | 9:35 | A. Somogyi (Soleil, France) Hard X-ray nano-imaging/tomography at Nanoscopium (Soleil): a multi-technique tool for simultaneous trace metal and morphology studies of thick biological samples | | |
| Sample preparation and Correlative Microscopy | | | | |
| 9:35 - | 10:10 | E. Duke (Diamond, UK) How to increase the probability of getting good data: Take care over the sample preparation! | | |
| 10:10 - | 10:45 | C. Hagen (Oxford U., UK) Apoptosis observed in correlated fluorescence/Soft X-ray cryo-microscopy/tomography data | | |
| 10:45 - | 11:05 | Coofee Break | | |
| 11:05 - | 11:40 | J. Chichón (CNB-CSIC, Spain) Imaging cells with soft X-ray microscopy | | |
| 11:40 - | 12:15 | M. Elbaum (Weizmann Institute, Israel) Dealing with depth: preparation and processing for thick specimens | | |
| 12:15 - | 13:00 | Discussion - Chairman K. Grünewald | | |
| 13:00 - | 14:00 | Lunch | | |

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| Data processing for soft X-ray tomography | | | |
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| 14:00 - | 14:30 | J.M. Carazo (CNB-CSIC, Spain) Image formation and reconstruction in Soft X-ray microscopy with XMIPP | |
| 14:30 - | 15:10 | B. Heymann - Bsoft (Bethesda, USA) Tools for electron and X-ray tomography in Bsoft | |
| 15:10 - | 15:45 | S. Marco - TomoJ (Marie Curie Inst., France) Electron tomography and 3D chemical mapping based on ImageJ plugings TomoJ and EFTEM- TomoJ | |
| 15:45 - | 16:20 | D. Mastronarde - IMOD (Colorado, USA) Tomographic reconstruction with the IMOD package | |
| 16:20 - | 16:40 | Coofee Break | |
| 16:50 - | 17:35 | Discussion - Chairman P. Guttmann | |
| Future perspectives | | | |
| 17:35 - | 18:10 | P. Guttmann, G. Schneider (HZB, Germany) | |
| Mistral TXM demonstration at the BL | | | |
| 18:10 - | 19:00 | Mistral TXM demonstration at the BL | |
| END OF MEETING 19:00. | | | |



