



# 3rd Workshop on the Simultaneous Combination of Spectroscopies with X-ray Absorption, Scattering and Diffraction Techniques

## Thursday, 5 July 2012

### Biological Session 2 - Auditorium HG E3 (13:00 - 14:50)

time	[id] title	presenter
13:00	[29] Systems Biology in Prokaryote – Eukaryote Symbiosis: Single-Crystal Spectroscopy Correlated with X-ray Crystallography and Other Complementary Methods	Dr ORVILLE, Allen
13:30	[8] Fingerprinting redox/ligand states and driving catalysis in protein single crystals	Dr MICHAEL, Hough
13:50	[11] Iron-porphyrin coordinates an arginine guanidine side-chain in a protein pocket – Insights from microspectrophotometry and crystallography	Dr KNIPP, Markus
14:10	[12] Structural and spectroscopic observation of an enzyme at work	Mr MARTINOLI, Christian
14:30	[18] Using in situ single-crystal UV-vis and Raman spectroscopy to study the effect of X-ray radiation damage on the crystal structures of haem proteins	Dr HERSLETH, Hans-Petter