

Wednesday 7 June			Thursday 8 June			Friday 9 June		
11:00	Registration		Reflectivity - chair: Tommy Nylander			Structure and dynamics - chair: Katherine Brown		
12:00	Lunch		08:45	Building and Examining Accurate Models of the Gram Negative Bacterial Outer Surface	L. Clifton	08:30	Coupling between protein and hydration water dynamics	M. Weik
14:00	Opening session	T. Forsyth	09:15	Tubulin on Biomimetic Mitochondrial Membranes: Structural Features and Identification of Lipid Binding Domain	D. Hoogerheide	09:00	High hydrostatic pressure specifically affects molecular dynamics and shape of low-density lipoprotein particles	J. Peters
Crystallography I - chair: Poul Nissen			09:45	Complex model membranes and neutron investigation: mimes for cell surface interactions	L. Cantu	09:20	Inquiring protein thermal activation of a multi-domains protein by combined neutron scattering and MD simulations	M. Maccarini
14:15	The intermediates of heme enzymes seen by NX	P. Moody	10:05	Coffee Break		09:40	Structural and dynamic aspects of charge-modified protein denaturation	O. Matsarkaia
14:45	Deconvoluting DNA repair complexities with neutrons	M. Cuneo	10:35	Coupling neutron reflectivity with cell-free protein synthesis to probe membrane protein structure in supported bilayers	T. Soranzo	Neutrons and complementary methods - chair: Sine Larsen		
15:15	Structural glycobiology : Sweet-talk between pathogen and host	A. Imberty	11:05	Unravelling clathrin-mediated endocytosis by neutron reflectometry	A. Maestro	10:00	Snapshots and dynamics of membrane proteins and biomembranes	P. Nissen
15:45	Neutron crystallographic studies of cancer-related human carbonic anhydrase IX	Z. Fisher	11:25	Ultrastructure of an archaeal membrane containing apolar structural lipids	M. Salvator-Castell	10:30	Coffee Break	
16:15	Seeing H-atoms and protons: Enzyme mechanisms and structure-based drug design	M. Blakeley	11:45	Structure and dynamics of lipid membranes probed by reflectometry and inelastic scattering	B. Toperverg	11:00	Targeting transthyretin amyloidosis: neutron diffraction analysis of a pathogenic protein	A. Yee
16:35	Coffee Break		12:05	Lunch		11:20	Folding, bridging and compaction of DNA by nucleoid associated proteins Hfq and H-NS	J. Van der Maarel
Crystallography & Crystallogensis II - chair: Zoë Fisher			13:05	Visits of facilities		11:40	Time resolved SANS in the sub-minute range: observing macromolecular machines at work	F. Gabel
17:05	Protein crystallization in hydrogels: a powerful technique with multiple alternatives	J. Gavira	Small Angle Neutron Scattering - chair: Luke Clifton			12:00	Closing session	M. Johnson
17:35	Current Challenges of Obtaining Crystals for Neutron Macromolecular Crystallography	M. Spano	14:00	Exploring the Biology of the Bacterial Outer Membrane with Neutrons	J. Lakey	12:30	Lunch	
17:55	Analysis of protein-ligand hydrogen bonding patterns in galectin-3 guides drug design	D. Logan	14:30	Structural Investigations of Membrane Proteins with combined SAXS and SANS	L. Arleth			
Crystallography & Instrumentation III			15:00	Lipoprotein structure dependency on lipid cargo and exchange dynamics - Implications for atherosclerosis development	S. Maric			
18:15	Macromolecular Neutron Diffraction at the FRM II Neutron Source	A. Ostermann	15:30	Using Neutron Scattering in Biology: The Case for Membrane Proteins and Lipoprotein Particles	M. Cardenas			
18:35	A new strategy software for Laue Data Collection	N. Coquelle	16:00	Coffee Break				
19:00	Poster Session and Wine & Cheese buffet		16:30	A New Perspective: The Action of Volatile Anesthetics	M. Weinrich			
			17:00	Integrative structural biology RNP machinery in solution	T. Carlomagno			
			17:30	Analysis of the 3D structure of dystrophin fragments in the presence of isotropic bicelles	S. Combet			
			19:00	Departure for the conference dinner restaurant "Le Fantin Latour"				