

Neutron Scattering Applications in Structural Biology
June 5 - 9, 2017

Symposium - June 5, 2017

7:45 a.m.	Badging at Visitor Center – Meet in Guest House Lobby (Flora Meilleur / Visitor Center Staff)
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Shull Wollan Center – A Joint Institute for Neutron Sciences, A202

Time	Title	Speaker
9:00-9:15 a.m.	Registration / Welcome	Wim Bras, ORNL Flora Meilleur, NCSU/ORNL
9:15-10:15 a.m.	Neutron Scattering in Structural Biology: From Atoms to Cells	Dean Myles, ORNL
10:15-11:15 a.m.	How to Grow Protein Crystals for Neutron Diffraction	Joe Ng, University of Alabama, Huntsville
11:15 a.m.-12:15 p.m.	Controllable Activation of Nanoscale Dynamics in a Disordered Protein Alters Binding Kinetics	Zimei Bu, City College of New York
12:15-1:30 p.m.	Lunch Group picture	
1:30-3:00 p.m.	Elevator pitch session (Participants)	
3:00-4:00 p.m.	Detection of Nanoscopic Lipid Domains in Biological Membranes	John Katsaras, ORNL
4:00-5:00 p.m.	Radiation damage free structural studies of cellulolytic redox enzymes using neutron scattering and diffraction	Flora Meilleur, NCSU/ORNL
4:30-5:00 p.m.	Break	
5:00-6:00 p.m.	Opportunities at ORNL	Thomas Proffen, ORNL
6:00-8:00 p.m.	Dinner	