

Neutron Crystallography

Hilton Downtown Knoxville, Sequoyah 3 Conference Room

August 6, 2016

Organizer: Leighton Coates, coatesl@ornl.gov

Time	Event
9:00 a.m.	Paul Langan , Associate Laboratory Director, Neutrons Sciences <ul style="list-style-type: none">• Welcome and Introduction
9:15 a.m.	Kevin Weiss , Energy and The Environment Group <ul style="list-style-type: none">• Protein Deuteration
9:45 a.m.	Patricia Langan , Energy and The Environment Group <ul style="list-style-type: none">• Neutron structure of reversibly photo-switchable thermostable green protein variant
10:30 a.m.	Break, refreshments provided
11:00 a.m.	Venu Gopal Vandavasi , Energy and The Environment Group <ul style="list-style-type: none">• Practical Neutron Crystallography
11:30 a.m.	Leighton Coates , Energy and The Environment Group <ul style="list-style-type: none">• Overview of Neutron Crystallography at ORNL
12:00 p.m.	Tips for Writing a Successful Neutron Beamtime Proposal Working Lunch
1:30 p.m.	Leighton Coates , Energy and The Environment Group <ul style="list-style-type: none">• Neutron Refinement in PHENIX
2:00 p.m.	Hands on Neutron Refinement Session Leighton Coates, Patricia Langan, Venu Gopal Vandavasi
3:00 p.m.	Break, refreshments provided
3:30 p.m.	Continued discussion on Neutron Refinement Q&A
4:00 p.m.	Close