

**Neutron Scattering Applications in Structural Biology**  
**May 16 - 20, 2016**

**Symposium - May 16, 2016**

8:30 a.m.	Badging at guest house (Flora Meilleur / Teresa Ault)
-----------	--

**JINS/8630, A202**

<b>Time</b>	<b>Title</b>	<b>Speaker</b>
9:00 - 9:15 a.m.	Registration / Welcome	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.	Structural and biochemical characterization of farnesylated and methylated KRAS4b	Andy Stephen, Frederick National Laboratory for Cancer Research
11:15 - 12:15 p.m.	Exploring the dynamics of proteins and living cells membranes by neutron spin echo	Laura Stingaciu, ORNL
12:15 - 2:30 p.m.	Working Lunch/Group picture Elevator pitch session (Participants)	
2:30 - 3:30 p.m.	Titration of the $\gamma$ -phosphate of GppNHp on Ras using neutron crystallography	Carla Mattos, Northeastern University
3:30 - 4:30 p.m.	Elucidating Structure-Function Relationships of Intrinsically Disordered Proteins by Integrating Neutron Scattering, Atomistic Simulations and Statistical Inference	Arvind Ramanathan, ORNL
4:30 - 5:00 p.m.	Break	
5:00 - 6:00 p.m.	On scattered waves and lipid domains: Biomembrane spatial organization as seen by neutrons	Fred Heberle, ORNL
6:15 - 8:00 p.m.	Dinner with "Opportunity at ORNL" presented by Thomas Proffen	