

# Neutron Scattering Applications in Structural Biology

May 16 – 20, 2016

May 16, 2016: Symposium (JINS/8630, A202)

| <b>Tuesday, May 17: Deuteration, Crystallography / Facility Tours</b>     |   |  |
|---|---|--|
| 8:30–9:30 a.m.  | Deuteration (Kevin Weiss)   | JINS/8630, A202                            |
| 9:30–10:30 a.m.   | Crystallography I (Dean Myles)  | JINS/8630, A202                            |
| 10:30–11:00 a.m.  | Coffee Break  |  |
| 11:00 a.m.–12:00 p.m.   | Crystallography II (Flora Meilleur)                                   | JINS/8630, A202                            |
| 12:00–1:00 p.m.   | Lunch at SNS cafeteria  |  |
| 1:00–3:30 p.m.  | HFIR visit (1/2 group) – SNS visit (1/2 group)                        | SNS (Brad O'Dell)<br>HFIR (Flora Meilleur) |
| 3:30–4:00 p.m.  | Break   |  |
| 4:00–5:00 p.m.  | Participants' project discussion (Chris Stanley, Flora Meilleur)      | JINS/8630, A202                            |
| <b>Wednesday, May 18: Dynamics, SANS / Facility Tours</b>                 |   |  |
| 8:30–9:30 a.m.  | Small Angle Neutron Scattering I (William Heller)                     | JINS/8630, A202                            |
| 9:30–10:30 a.m.   | Small Angle Neutron Scattering II (William Heller)                    | JINS/8630, A202                            |
| 10:30–11:00 a.m.  | Coffee Break  |  |
| 11:00 a.m.–12:00 p.m.   | Crystallography III (Flora Meilleur)                                  | JINS/8630, A202                            |
| 12:00–1:00 p.m.   | Lunch at SNS cafeteria  |  |
| 1:00–3:30 p.m.  | HFIR visit (1/2 group) – SNS visit (1/2 group)                        | SNS (Brad O'Dell)<br>HFIR (Flora Meilleur) |
| 3:30–4:00 p.m.  | Break   |  |
| 4:00–6:00 p.m.  | Dynamics I & II (Xiaolin Cheng)                                       | SNS/8600, C152                             |
| <b>Thursday, May 19: SANS, Reflectometry, Imaging</b>                     |   |  |
| 8:30–9:30 a.m.  | Small Angle Neutron Scattering III (William Heller)                   | JINS/8630, A202                            |
| 9:30–10:30 a.m.   | Neutron Reflectivity I (John Ankner)                                  | JINS/8630, A202                            |
| 10:30–11:00 a.m.  | Coffee Break  |  |
| 11:00 a.m.–12:00 p.m.   | Neutron Reflectivity II (John Ankner)                                 | JINS/8630, A202                            |
| 12:00–1:00 p.m.   | Lunch at SNS cafeteria  |  |
| 1:00–3:00 p.m.  | Tutorial : SANS (Chris Stanley)                                       | SNS/8600, C152                             |
| 3:00–3:30 p.m.  | Break   |  |
| 3:30–4:30 p.m.  | Imaging (Hassina Bilheux)   | SNS/8600, C152                             |
| 4:30–5:30 p.m.  | Participants' project discussion (Chris Stanley, Flora Meilleur)      | SNS/8600, C152                             |
| <b>Friday, May 20: Reflectometry, Crystallography, Beam time proposal</b> |   |  |
| 8:30–9:30 a.m.  | Beam time proposal, submission and allocation process (Laura Edwards) | SNS/8600, C152                             |
| 9:30 a.m.-10:30 a.m.  | Tutorial: Crystallography (Flora Meilleur)                            | SNS/8600, C152                             |
| 10:30–11:00 a.m.  | Coffee Break  |  |
| 11:00 a.m.–12:00 p.m.   | Tutorial: Crystallography (Flora Meilleur)                            | SNS/8600, C152                             |
| 12:00–1:00 p.m.   | Lunch at SNS cafeteria  |  |
| 1:00–3:00 p.m.  | Tutorial: Reflectometry (John Ankner)                                 | SNS/8600, C152                             |
| 3:00–4:30 p.m.  | Closing & Certificate reception (Flora Meilleur)                      | Graphite Reactor                           |