

MELODY Agenda
Oak Ridge National Laboratory Spallation Neutron Source
March 12-14, 2013
Building 8600, Room C-156

Tuesday, March 12, 2013

1200 Lunch available for purchase at the SNS Cafe

1230 Registration in the Lobby of Building 8600

1300 Welcome and Review of Agenda

- Paul Langan, Director, ORNL Biology and Soft Matter Division
- Michael Ohl, Jülich Centre for Neutron Science at SNS
- Eugene Mamontov, ORNL Chemical & Engineering Materials Division

1315 Neutron Spin Echo Science Session

- Michael Ohl, Jülich Centre for Neutron Science and ORNL Biology & Soft Matter Division: "Introduction to NSE: principles, instruments, and science"
- Antonio Faraone, National Institute of Standards and Technology: "Glass dynamics and NSE"

Break

- Michihiro Nagao, National Institute of Standards and Technology: "Lipids bilayer dynamics measured by NSE"
- Reiner Zorn, Jülich Centre for Neutron Science: "Polymers and colloids and NSE"
- Ralf Biehl, Jülich Centre for Neutron Science: "Protein dynamics and NSE"

1715 Session ends. Dinner on your own.

Wednesday, March 13, 2013

Breakfast available for purchase at the SNS Café

0830 BASIS Session

- Eugene Mamontov, ORNL Chemical & Engineering Materials Division: "Microscopic dynamics of liquids: characterization of transient confinement effects by QENS"
- Georg Ehlers, ORNL Quantum Condensed Matter Division: "Combined analysis of quasielastic scattering in the time and energy domains"
- Niina Jalarvo, Jülich Centre for Neutron Science at SNS: "QENS studies of localized and long-range diffusion in solid oxide proton conductors"

Break

- Yang Zhang, University of Illinois: “Reverse Engineering the Slow Dynamics of Supercooled Liquids by Scattering”
- Ken Herwig, ORNL Instrument & Source Design Division: “Tethered Molecules in Confinement – QENS, Molecular Dynamics, and Modeling”

1230 SNS Current Research discussion and roundtable - Al Ekkebus
Working lunch

1330 Instrument Experiments
Group A: Neutron Spin Echo
Group B: BASIS
Groups C and D: Discussion with User Office

1530 Break

1600 Group C: Neutron Spin Echo
Group D: BASIS
Groups A and B: Discussion with User Office

1800 Session ends. Dinner on your own.

Thursday, March 14, 2013

Breakfast available for purchase at the SNS Café

0830 Panel discussion about Neutron Spin Echo experiment the previous day with all speakers

1000 Break

1030 Panel discussion about BASIS experiment the previous day with all speakers

Noon Formal program ends
Lunch available for purchase at the SNS Cafe

1300 Pre-arranged discussions with instrument teams

1700 End of discussions and Workshop