

**The 27th Center for High Resolution Neutron Scattering (CHRNS)
"School on Methods and Applications of Neutron Spectroscopy"**

Agenda:

Presentations in BlueJeans format are [printed in blue](#), otherwise it is in GatherTown

Week1 off-prime material

- How to download, install and test the reduction and fitting software
- Experiment write ups

Pre-Course Event:

Wednesday January 26

4:00-5:30 Introductory Social Hour and GatherTown practice

Day 1 Friday January 28

2:00 [Introduction-Joe Dura](#)

[Welcome, overview of CHRNS Virtual Neutron School and NCNR \(Dan Neumann\)](#)

2:15 [Introduction to Neutron Spectroscopy \(Peter Gehring\)](#)

3:15 Coffee Hour Poster Room 1

3:45 [The NCNR reactor and cold sources \(Dagistan Sahin\)](#)

4:15 [Selecting the Right Neutron Spectroscopy Instrument \(Jim Rhyne\)](#)

5:00 [Student's Final Project: How to write a beam time proposal \(Yamali Hernandez\)](#)

5:30 [Adjourn](#)

Week2 off-prime material

- How to set up an IMS account and write a beam time proposal handout

Day 2 Monday January 31

2:00 How experiments and small groups will function (Joe Dura) Lecture Hall

2:15 Experiment session A1

3:30 Coffee Hour Poster Room 2

4:00 [Tour of Techniques: Jake LaManna, NeXT/Imaging](#)

4:20 Experiment Session A2

5:30 [Adjourn](#)

Day 3 Wednesday February 2

2:00 Gather and announcements (Joe Dura) Lecture Hall

2:05 Experiment Session A3

3:30 Coffee Hour Poster Room 3

4:00 [Tour of Techniques: Yun Liu, VSANS](#)

4:20 Experiment Session A4

5:30 [Adjourn](#)

Day 4 Friday February 4

2:00 Gather and announcements (Joe Dura) Lecture Hall

2:05 Experiment Session A5

3:30 Coffee Hour Poster Room 4

4:00 [Tour of Techniques: Jamie Weaver, NDP](#)

4:20 Experiment Session A6

5:30 Adjourn

Week3 off-prime material

- Survey

Day 5 Monday February 7

2:00 Q & A about proposal writing (Yamali Hernandez) and switch experiments (Joe Dura) Lecture Hall

2:15 Experiment session B1

3:30 Coffee Hour (proposal writing one on one help)

4:00 [Tour of Techniques: Alex Grutter, Neutron Reflectometry](#)

4:20 Experiment Session BA2

5:30 Adjourn

Day 6 Wednesday February 9

2:00 Gather and announcements (Joe Dura) Lecture Hall

2:05 Experiment Session B3

3:30 Coffee Hour (proposal writing one on one help)

4:00 [Tour of Techniques: Thomas Gnaupel-Herold, Residual Stress Diffractometer](#)

4:20 Experiment Session B4

5:30 Adjourn

Thursday February 10

School Beam Time Proposals Due at noon

Day 7 Friday February 11

2:00 Gather and announcements (Joe Dura) Lecture Hall

2:05 Experiment Session B5

3:30 Coffee Hour

4:00 [Tour of Techniques: Shannon Hoogerheide, Fundamental Physics Research](#)

4:20 Experiment Session B6

5:20 Beam time proposal review schedule, Survey Reminder and closing (Joe Dura) Lecture Hall

5:30 Adjourn