**2017 Neutron Experiments:**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Instrument** | **Beamline** | **days** |
| **N1-a** | Triple-Axis Spectrometers | HFIR HB1 | 3 |
| **N1-b** | Triple-Axis Spectrometers | HFIR CTAX | 3 |
| **N2** | Powder Diffractometer | HFIR HB2A | 2 |
| **N3** | Four-Circle Diffractometer | HFIR HB3A | 2 |
| **N4** | WAND powder/single-crystal diffractometer | HFIR HB2C | 2 |
| **N5** | Neutron Imaging Station | HFIR CG1D | 3 |
| **N6-a** | Small Angle Neutron Scattering | HFIR CG2 GP-SANS | 3 |
| **N6-b** | Small Angle Neutron Scattering | HFIR CG3 Bio-SANS | 3 |
| **N7** | Engineering Materials Diffractometer | HFIR NRSF2 | 3 |
| **N8** | BASIS Backscattering Spectrometer | SNS BL2 | 3 |
| **N9** | VISION Inelastic Neutron Spectroscopy | SNS BL16B | 3 |
| **N10** | Magnetism Reflectometer | SNS BL4A | 3 |
| **N11** | Liquids Reflectometer | SNS BL4B | 3 |
| **N12** | NOMAD Nanoscale-Ordered Materials Diffractometer | SNS BL1B | 3 |
| **N13** | POWGEN Powder Diffractometer | SNS BL11A | 3 |
| **N14** | SEQUOIA Fine-Resolution Fermi Chopper Spectrometer | SNS BL17 | 3 |
| **N15** | TOPAZ Single-crystal Diffractometer | SNS BL12 | 2 |
| **N16** | HYSPEC Hybrid Spectrometer | SNS BL14B | 2 |
| **N17** | SNAP Spallation Neutrons at Pressure | SNS BL3 | 2 |
| **N18** | NSE Neutron Spin Echo Spectrometer | SNS BL15 | 3 |

**Neutron Experiment Schedule:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Group** | **Monday**  **Aug 14** | **Tuesday**  **Aug 15** | **Thursday**  **Aug 17** |
| **NA** | N16 | N10 | N7 |
| **NB** | N12 | N14 | N5 |
| **NC** | N9 | N12 | N1-a |
| **ND** | N1-b | N13 | N18 |
| **NE** | N7 | N6-b | N14 |
| **NF** | N6-b | N8 | N15 |
| **NG** | N13 | N5 | N8 |
| **NH** | N10 | N1-b | N2 |
| **NI** | N1-a | N11 | N3 |
| **NJ** | N14 | N3 | N6-a |
| **NK** | N4 | N1-a | N12 |
| **NL** | N11 | N16 | N4 |
| **NM** | N5 | N18 | N13 |
| **NN** | N18 | N15 | N6-b |
| **NO** | N8 | N7 | N11 |
| **NP** | N6-a | N17 | N9 |
| **NQ** | N2 | N9 | N10 |
| **NR** | N17 | N6-a | N1-b |

|  |
| --- |
| HFIR |
| SNS |

**2017 X-ray Experiments:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **Technique** | **Beamline** | **Tuesday**  **August**  **8** | **Wednes.**  **August**  **9** | **Thursday**  **August**  **10** | **Friday**  **August**  **11** |
| **X1** | High Energy X-ray Scattering for Scattering Measurement | 1-ID |  |  | XA, XB | XA, XB |
| **X2** | X-ray Tomography | 2-BM | XA,XC | XE, XI |  |  |
| **X3** | Nuclear Resonance Scattering | 3-ID | XD |  |  |  |
| **X4** | X-ray absorption spectroscopy measurements | 5-BM-D | XG | XA |  |  |
| **X5** | Energy Dispersive X-ray Diffraction | 6-BM |  | XN | XO |  |
| **X6** | Magnetic X-ray Scattering | 6-ID-B |  | XM | XL |  |
| **X7** | Radiography | 7-BM | XF | XH | XN | XO |
| **X8** | Time-Resolved X-ray Diffraction | 7-ID | XN | XO |  |  |
| **X9** | Grazing Incidence Small-Angle X-ray Scattering | 8-ID-E |  |  | XM | XJ |
| **X10** | X-ray photon correlation spectroscopy | 8-ID-I | XB | XC |  |  |
| **X11** | X-ray Absorption Near Edge Spectroscopy | 9-BM | XI |  |  |  |
| **X12** | Ultra-Small Angle X-ray Scattering | 9-ID | XE | XD |  | XN |
| **X13** | Synchrotron Powder Diffraction | 11/17-BM |  |  | XC, XD | XC, XD |
| **X14** | Pair Distribution Function | 11-ID-B |  |  | XE, XF | XE, XF |
| **X15** | Small Angle X-ray Scattering | 12-ID-B | XH, XO | XB, XF |  |  |
| **X16** | X-ray Fluorescence Microtomography | 13-ID-E |  | XG |  |  |
| **X17** | X-ray liquid surface scattering | 15-ID-C | XK, XL | XK, XL |  |  |
| **X18** | High-Pressure Powder Diffraction | 16-BM-D |  |  | XG, XH | XG, XH |
| **X19** | Fundamentals of beamline operation | 20-BM |  |  | XJ | XM |
| **X20** | Grazing Incidence Interface Diffraction | 33-BM | XM |  |  | XK |
| **X21** | Coherent X-ray Diffraction Imaging | 34-ID-C |  |  | XK | XL |
| **X22** | X-ray Micro-Laue Diffraction | 34-ID-E | XJ | XJ | XI | XI |

**X-Ray Experiment Schedule:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Group** | **Tuesday**  **August**  **8** | **Wednesday**  **August**  **9** | **Thursday**  **August**  **10** | **Friday**  **August**  **11** |
| **XA** | X2 | X4 | **X1** | **X1** |
| **XB** | X10 | X15 | **X1** | **X1** |
| **XC** | X2 | X10 | **X13** | **X13** |
| **XD** | X3 | X12 | **X13** | **X13** |
| **XE** | X12 | X2 | **X14** | **X14** |
| **XF** | X7 | X15 | **X14** | **X14** |
| **XG** | X4 | X16 | **X18** | **X18** |
| **XH** | X15 | X7 | **X18** | **X18** |
| **XI** | X11 | X2 | **X22** | **X22** |
| **XJ** | **X22** | **X22** | X19 | X9 |
| **XK** | **X17** | **X17** | X21 | X20 |
| **XL** | **X17** | **X17** | X6 | X21 |
| **XM** | X20 | X6 | X9 | X19 |
| **XN** | X8 | X5 | X7 | X12 |
| **XO** | X15 | X8 | X5 | X7 |

|  |
| --- |
| Two day experiment |