

## Resources

Instrument	Location	Probes
Bruker AVIII 500 MHz	Chemistry and Materials Building Room 309	1. 5mm Prodigy TCI ( $^1\text{H}/^{13}\text{C}/^{15}\text{N}$ ) 2. 5mm TBI ( $^1\text{H}/^{13}\text{C}/\text{BB}$ ) 3. 5mm QXI
Bruker AVIII-400 MHz (with three channels)	Chemistry and Materials Building Room 309	1. 5mm TBI ( $^1\text{H}/^{13}\text{C}/\text{BB}$ ) 2. 5mm BBI ( $^1\text{H}/\text{BB}$ ) 3. 4mm HR MAS BL4 ( $^1\text{H}/^{31}\text{P}$ ) 4. 4mm HR MAS BL4 ( $^1\text{H}/^{13}\text{C}$ )
Bruker AVIII-400 MHz (Nanobay)	Chemistry and Materials Building Room 309	1. 5 mm BBO ( $^1\text{H}/\text{BB}$ ) 2. 10 mm BBO ( $^1\text{H}/\text{BB}$ )
AV 400 MHz	Choppin Hall Room B20	1. 5mm QNP Probe ( $^1\text{H}/^{31}\text{P}/^{13}\text{C}/^{15}\text{N}$ ) 2. 5 mm $^1\text{H}/^{19}\text{F}$
AV 400 MHz (Solid State and diffusion (solution))	Choppin Hall Room B22	1. 4 mm PH MASDVT BL4 ( $^1\text{H}/^{19}\text{F}/\text{X}/\text{Y}$ ) 2. 2.5 mm PH MASDVT BL2.5 ( $^1\text{H}/^{19}\text{F}/\text{X}/\text{Y}$ ) 3. Diff60 (5 mm Diffusion probe)

## **Workstations for Data Processing**

Workstation for NMR data processing/analysis are located in Choppin Hall room B3. The following software are available on one or more of the workstations and we can install other NMR related software upon request.

### **Available software:**

- TopSpin 2.0/TopSpin3.2/TopSpin3.5
- VnmrJ 2.3 A/VnmrJ 3.2/VnmrJ 4.2
- MestReNova 12.0
- nmrPipe
- Sparky
- NMRView (older C-version)
- VMD-Visual Molecular Dynamics
- Mathematica 11