

CNI Shared Materials Characterization Laboratory

Surface Science

- Bruker Dimension **ICON AFM**
- Phi 5500 **XPS**
- Renishaw InVia micro-**Raman**

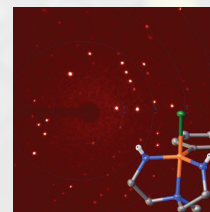


Optical and Magnetic Properties

- Cryogenic R-700X SQUID **Magnetometer**
- Woollam Alpha-SE **Ellipsometer**
- Woollam Variable-Angle Spectroscopic **Ellipsometer**

Crystallography

- Rigaku SuperNova **SCXRD**
- PANalytical Xpert3 **PXRD**

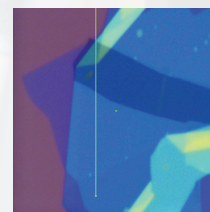


Thermal Analysis, Colloids, Polymers

- Micromeritics ASAP 2020 **BET**
- Malvern Nano-ZS Zetasizer (**DLS**)
- TA Instruments Q500 **TGA**
- **GPC**: Available solvents: CHCl_3 , THF, DMF, water, HT

N₂ Glovebox

- Optical Autofinder
- Horiba XploRA micro-**Raman**



For more information please contact

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Or visit our website
<http://cni.columbia.edu/smc/>

Non-Columbia users are welcome!

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