The Birck Nanotechnology Center Wiki is an attempt to document and centralize some of the massive amount of expertise currently spread around the facility in individuals and research groups. BNC users are encouraged to contribute their processes, experiences, issues, and knowledge in order to facilitate the spread of knowledge and increase the speed, quality, and breadth of research that can take place.

BNCWiki contains:

- Equipment pages for both Fabrication and Characterization equipment. These contain a mix of relevant capabilities, technological overviews, SOPs, user manuals, processes, and references.
- Info Pages to store more general information, including Wiki guidelines, iLab information, comments/suggestions/problems, general process troubleshooting, databases of standard and contributed processes, MSDS sheets, and starting points for expertise at Birck.

Research groups may also host their own pages, access to which can be restricted to the group if desired. Please contact Justin Wirth for more info.

Info Pages

- Arriving at Birck
- Getting Started at Birck
- NSAC - Nanotechnology Student Advisory Council
- Recharge Rates
- Equipment Status
- Planned Facilities Shutdowns
- Wiki Guide
- Disciplinary Policy
- Lab Policies and Best Practices
- Material and Process Compatibility
- iLab
- SDS Database
- Research Group Pages
- Info Pages - Other

Info Pages - Internal Resources: (login to view)

- BNC Library
- Comments, Suggestions, and Issues
- Planned Improvements and Researcher Requests
- Process Help and Troubleshooting
- Contributed Processes
- Research Expertise at Birck
- Fab Forum
- References - Internal Resources
- Resources for BNC Staff (Restricted)

Featured Equipment Page: JEOL JBX-8100FS E-Beam Writer

Featured Technology Page: Photoresists

Fabrication

- Thermal
- Patternning
- Etching
- Deposition
- Back-end
- Bio-fabrication
- Roll-to-Roll
- Other Fabrication

Characterization

- Bio-characterization
- Electrical and Magnetic Properties
- Electron Microscopy
- Optical Characterization
- Profiometry
- Roll-to-Roll Characterization
- Scanning Probe Microscopy
- Surface Characterization
- Bio Cleanroom
Need Help at Birck?
If you're have a problem and aren't sure where to turn, or your email to BNC Staff hasn't gotten a timely reply, please Submit a BNC Help Ticket

iLab issues?
First point of contact for any iLab problems: ilabhelp@purdue.edu