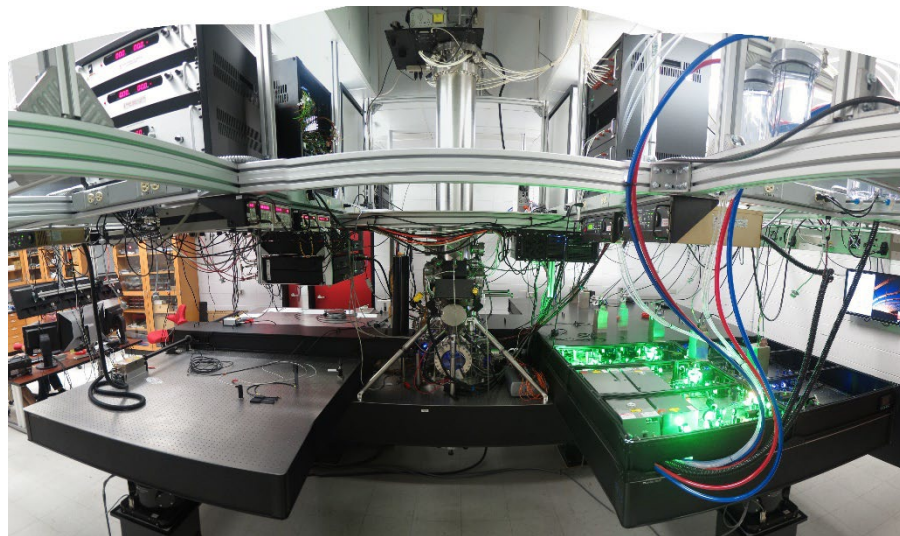




Description of Facility

- The Chicago Instrument for Laser Ionization (CHILI) is a microbeam laser resonance ionization mass spectrometer (RIMS), capable of high sensitivity, interference-free isotopic and chemical analysis of most elements at the μm scale
- CHILI is available to the community for projects in collaboration with the CHILI group
- Analyses are done by members of the CHILI group; major projects involving technique development may require a dedicated person to spend extended time in the CHILI lab
- CHILI can only be safely run by trained scientists after several months of hands-on experience



How to use the facility

- To request access, contact the CHILI group with an informal proposal about the science questions and how CHILI can be used to answer them
- Requests are evaluated on scientific merit and feasibility
- Requests are prioritized depending on how they fit into CHILI's capabilities and work schedule
- There is no price list

Contact information:

- Location of facility:
Department of the Geophysical Sciences
The University of Chicago
5734 South Ellis Avenue
Chicago, IL 60637
- POC for further information :
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