Resource Summary Report

Generated by NIF on Apr 28, 2025

National High Magnetic Field Lab DC Field Core Facility

RRID:SCR_017358
Type: Tool

Proper Citation

National High Magnetic Field Lab DC Field Core Facility (RRID:SCR_017358)

Resource Information

URL: https://nationalmaglab.org/user-facilities/dc-field

Proper Citation: National High Magnetic Field Lab DC Field Core Facility (RRID:SCR_017358)

Description: Facility located at MagLab headquarters near Florida State University in Tallahassee. Contains 14 resistive magnet cells connected to 56 megawatt DC power supply and 15,000 square feet of cooling equipment to remove heat generated by magnets. Includes several superconducting magnets operating at millikelvin temperatures. Among these instruments is 45-tesla hybrid magnet, which offers scientists strongest continuous magnetic field in world. Research is supported by magnet plant and cryogenic system operators. Technicians design, build and repair instruments for user research.

Abbreviations: NHMFL DC Field Laboratory

Synonyms: DC Field Facility, NHMF Lab Facility

Resource Type: access service resource, service resource, core facility

Keywords: Magnet, NHMFL, magnetic, field, plant, cryogenic,

Funding: NSF ;
Florida State ;
NIH ;
Department of Defense ;
Department of Energy

Availability: Restricted

Resource Name: National High Magnetic Field Lab DC Field Core Facility

Resource ID: SCR_017358

Record Creation Time: 20220129T080334+0000

Record Last Update: 20250428T054050+0000

Ratings and Alerts

No rating or validation information has been found for National High Magnetic Field Lab DC Field Core Facility.

No alerts have been found for National High Magnetic Field Lab DC Field Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.