

Dear Users,

Requests for DC Field magnet time in Tallahassee and Pulsed Field magnet time in Los Alamos for the period January 21, 2019 to May 19, 2019 are **due November 16, 2018**. Please note that while proposals for magnet time are accepted year round, the deadline for consideration for Winter/Spring magnet time is **November 16, 2018**. This deadline applies for the large water-cooled (resistive & hybrid), superconducting magnets in the DC program and all pulsed magnets at the pulsed magnet facility in Los Alamos. It does not apply for any other MagLab facilities.

The Process:

The magnet time application process consists of two parts. Part one is submitting a short proposal that describes the essential scientific or technical motivation for the experiment. Per NSF requirements, this proposal will be sent out for external review. Proposals will last for up to three years and can be used for multiple experiment requests (and for experiment requests to different facilities). Therefore users should make the proposal broad enough to cover future magnet time requests, but specific enough that it will review well. Please remember to ***include all collaborators***, including sample growers, on proposals and experiments and remember that collaborators will need to be registered in the user system prior to being added as a collaborator. In addition, please make sure that you are also indicating who will be present for the experiment and make sure that you select possible/preferred weeks that are during the scheduling period. ***If you already have submitted a proposal, you do not have to submit another one unless your experiment addresses significantly different science.***

Part two of the proposal application process is the experiment request that contains the details of the experiment to be done. Details and links can be found at: <https://users.magnet.fsu.edu/>. In your experiment request, please include all your possible dates for magnet time as well as preferred dates in order to assist the scheduling process. ***Please submit a separate experiment request for each magnet system you are requesting to use.***

Schedule Information:

DC Field Facility

On January 21 (Martin Luther King, Jr. day) the water-cooled magnets will not run and the superconducting magnets will follow the weekend schedule. ***The portable dilution refrigerator (PDF) will not run during this scheduling period.*** Two new superconducting magnets have been added to the DC Field Facility: SCM 5 (7 T Quantum Design MPMS) and SCM 6 (9 T Quantum Design PPMS). Please see <https://nationalmaglab.org/user-facilities/dc-field/instruments-dcfield/dc-field-superconducting-magnets> for technical information. SCM 5&6 are primarily intended for users who do not have access to this type of research infrastructure at their home institutions as well as on-site users who may need to perform a quick check of a sample prior to running in the high-field magnets. Application for magnet time on these systems is identical to the other DC Field Facility magnets through the website.

Pulsed Field Facility

Pulsed magnets will not be operated on Martin Luther King Jr. day, January 21 or President's day, February 18. The 60T controlled waveform magnet will not be available during this session.

Please do not hesitate to contact [myself](#), [Scott Hannahs](#) or [Renee Luallen](#) if you have questions regarding the DC Field Facility, or [Jon Betts](#) and [Jessica Herrera](#) for questions regarding the Pulsed Field Facility.

Sincerely,



Tim Murphy

DC Field Facility Director