



PARADIM—an NSF Materials Innovation Platform

New User Application (External)

Part II. Memorandum of Understanding

All users (and their institutions) of the PARADIM Bulk Crystal Growth Facility at the Johns Hopkins University through the PARADIM User Research Program represent that they have read, understand, and agree to the terms of this Memorandum of Understanding and have asked any questions they may have in reference to this memorandum or any other information they have received before signing.

The user and his or her institution understand that his or her use of PARADIM laboratories and facilities therein is provided only for research work in conjunction with the specific project described in the user’s currently approved PARADIM proposal.

The user and his or her institution understand that he or she is not an employee of the Johns Hopkins University and that the Johns Hopkins University provides no Worker’s

Compensation or other Liability Coverage for the user’s benefit. The user is deemed to be acting as a representative and employee of his or her institution during their work at PARADIM. All users will have their own health and accident insurance and the user institution must carry business liability (\$1M) coverage. Johns Hopkins University will not be responsible for any medical expenses that the user may incur.

The User and his or institution shall release, hold harmless, and indemnify the Johns Hopkins University, its officers, agents and employees from any and all claims, damages, costs (including reasonable attorneys’ fees), and liabilities arising out of the user’s use of the PARADIM laboratories and facilities other than those which result from the sole and active negligence of the Johns Hopkins University, its officers, agents, or employees.

(NOTE: Institutional approval must be by an officer of the institution with appropriate authority, e.g. the Vice President for Research, Dean, or Director; NOT the Principal Investigator.)

**Institution*

**Officer Name*

**Officer Title*

**Officer Signature*

**Date*

Part III. User/PARADIM Bulk Crystal Growth Facility Agreement

By signing below, the user warrants that he or she has been provided with the PARADIM Bulk Crystal Growth Facility Usage and Safety Manual and has read, understands, and agrees to abide by the usage rules and safety provisions discussed in this manual. The user also warrants that the onsite safety tour will be completed prior to any work being conducted at the facility. While the user will be trained in general chemical safety before being allowed to use chemicals, and in the operation of particular processing instruments required for his or her work, the user assumes primary responsibility for his or her personal safety. It is expected that the user will operate all instruments and equipment in a safe and professional manner, consistent with the operating instructions and the laboratory rules. The user represents that his or her knowledge of chemistry and general laboratory

practice is advanced enough to permit the safe pursuit of the project in question.

The user acknowledges that the PARADIM Bulk Crystal Growth Facility is a research enabling center, that the user retains ultimate responsibility for project progress and development, and the Johns Hopkins University and PARADIM do not in any way warrant or assure a particular project result or set of results.

Additionally, by signing this agreement, the agrees to abide by the following policies:

1. [Johns Hopkins University Policies](https://www.jhu.edu/university-policies/)
(<https://www.jhu.edu/university-policies/>)
2. [PARADIM Policies](http://paradim.cornell.edu/policies/)
(<http://paradim.cornell.edu/policies/>)

**User Signature*

**Date*

The following information is collected for NSF reporting and the user requirement to provide said information is optional.

Gender:

Race:

Ethnicity:

Part IV. *Project Description

Attach a separate sheet that describes in detail what you as the user expect to do at the PARADIM Bulk Crystal Growth Facility at the Johns Hopkins University. Be as detailed as possible by describing specific instruments and materials to be used, chemical process, and time required to perform the experiments. Make sure to include your safety analysis following the process described in the safety manual.