

Scheduling of Remote Access Collection

Flic Bertram

Scheduling Remote Access



No long-term schedule

Initial pandemic response to reduced machine hours and staff/user availability, has shown to allow flexible use of the beamtime



Pre-scheduled remote visits

If you want to prebook for training or specific constraints, we require >2 weeks notice



Responsive beamtime access

Scheduled based on sample delivery to site
Please provide as much information as possible at sample shipment



Training Visits

Initial visits for each proposal we will aim to offer with training. We may book specific training visits to train user groups especially on remote collection



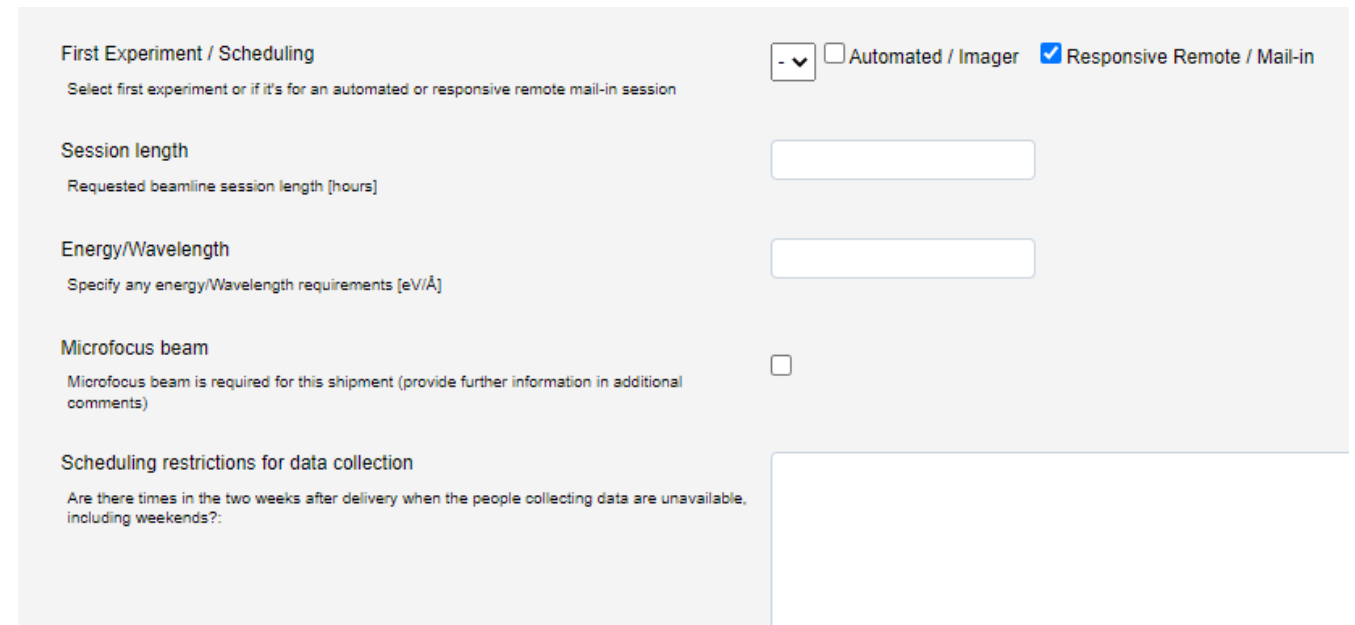
Responsive Mode Access

6 days median turnaround from delivery to site for interactive visits.
3.5 days median turnaround for UDC visits.

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Scheduling Remote Access – Shipment details

- UDC and Remote visits should be created as independent shipments within ISPyB and within different Dewars
- For Remote session without a prescheduled visit select – Responsive remote/ Mail In
- Session length
 - Be realistic including the needs for training, or complex experiments
 - For an experienced user we might expect 90-120 minutes per puck, as remote session often consider the more complex cases
 - Training therefore may need longer sessions



The screenshot shows a web form for scheduling a shipment. It includes the following fields and options:

- First Experiment / Scheduling:** A dropdown menu with a downward arrow, followed by checkboxes for "Automated / Imager" (unchecked) and "Responsive Remote / Mail-in" (checked).
- Session length:** A text input field with the label "Requested beamline session length [hours]".
- Energy/Wavelength:** A text input field with the label "Specify any energy/Wavelength requirements [eV/Å]".
- Microfocus beam:** A checkbox (unchecked) with the label "Microfocus beam" and a sub-label "Microfocus beam is required for this shipment (provide further information in additional comments)".
- Scheduling restrictions for data collection:** A text area with the label "Are there times in the two weeks after delivery when the people collecting data are unavailable, including weekends?:".

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Scheduling Remote Access – Shipment details

- Request an energy range as needed
 - If no energy range is given, it will be assumed that any beamline including I04-1 (13.44KeV fixed) will be appropriate
- Microfocus
 - Please provide a crystal size range and any additional constraints (i.e. LCP) in the comments field
 - Normally <30um Crystals will be allocated time on i04 or i24
- Time restrictions
 - Please provide information in the box as to restriction
 - Please specify the time zone for which you are outlining restrictions
 - We will assume UK timing if no time zone is given

First Experiment / Scheduling Automated / Imager Responsive Remote / Mail-in

Select first experiment or if it's for an automated or responsive remote mail-in session

Session length
Requested beamline session length [hours]

Energy/Wavelength
Specify any energy/Wavelength requirements [eV/Å]

Microfocus beam
Microfocus beam is required for this shipment (provide further information in additional comments)

Scheduling restrictions for data collection
Are there times in the two weeks after delivery when the people collecting data are unavailable, including weekends?:

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Scheduling Remote Access – Shipment details

- Last minute beamtime
 - This flag indicates you are able to mobilise staff to collect within a day or two of us offering a session
 - We would recommend you do not tick until your team is familiar with Diamond administration systems
- Hard drive enclosed
 - Indicate if a hard drive is enclosed
 - We strongly recommend use of Globus or data-gateway for academic users, as robust reliable data transfer systems rather than fallible hard disks
- Comments
 - Add any other information needed for scheduling
 - i.e. Two users have used Diamond before, Four will not have
 - Please indicate if this is the User's first time using Diamond

Last-minute beam time
This shipment should be considered for last-minute beam time

Dewar grouping
Would you prefer your beam time for this dewar to be grouped with beam time for other dewars?:

Hard drive enclosed
A hard drive is included with this shipment

Tools enclosed
Tools are included within this shipment

Comments
Comment for the shipment

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Scheduling Remote Access

- Weekly we assess all beamtime requests for Dewars on site
 - We will allocate sessions for the following two weeks
- Based on the comments on your shipment we will find an appropriate time to fit your session
 - We may email for clarification on comments
 - Or to check the level of training of your users
- Once time is allocated within UAS
 - Add session investigators
 - Add Samples
 - Add Methods
- Reach out to mx-usersupport@diamond.ac.uk if you need any support, or talk to your local contact if allocated
 - We aim to offer training sessions for the first users from the proposal, this will be via email discussion
- Your local contact will get in touch with any beamline issues, usually the day before
 - Additional training will be not given unless pre-arranged

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