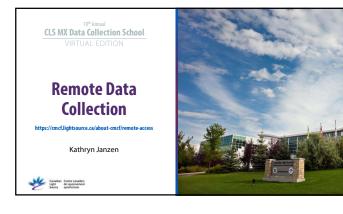
## Remote Data Collection Training (with MxDC & MxLIVE) Kathryn Janzen





## Contacts

Local Contact Person: See our Schedule to find your local contact, who is available by phone until 10PM Saskatoon time. This is the main point of contact during your beamtime.

CMCF Support E-mail (cmcf-support@lightsource.ca): For issues arising after IOPM, or if your local contact is not yet listed on the schedule. These emails go to all CMCF staff.

Floor Coordinator (306-657-3639): Available on-site 24 hours a day.

HSE Department (306-227-3113) / University of Saskatchewan Security (306-966-5555)

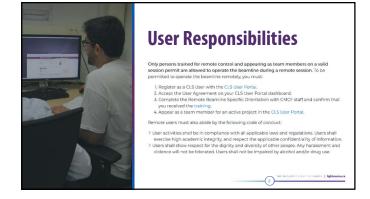
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New connection Protocol Host	Connecting Remotely with NX
Select the protocol used to connect.	NoMachine (NN) is a software application used by CMCF to allow remote access to beamline computers. Access to the beamline is only available during your scheduled session time, or by special arrangement with CMCF staff for data processing/transfer. Contact staff before your beamtime if you would like to set a time to test your NX connection.
	() THE STRUCTURE OF



## **Monitoring the Beamline**

Samples Upon opening MxDC, your samples (defined in MxLVE) along with their positions in the automo appear in the Samples page of MxDC. If the sample list looks out of date, click the "Refresh Samp butten above the list of samples.

Hatch Activity The Hatch Camera is accessed through MuDC. More the camera and zoom in or out to view the entire hatch. 3 Robot and detector motion are forbidden while the enditation is accupied. If you are anyone in the hatch during your service, reserved one performance and catasit staft by phone.

Beam Status Beam status may

Beam status may be monitored in a number of ways: ) The storage ring machine status can be found here: http://mstatus.lightsource.ca/ ) The bottom status bar on MxDC shows the mode, shutter status, and storage ring current. ) Watch for warnings in the Status Checks area on the Setup agea of MxDC.

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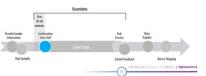
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3. Ship your 4 4. Collect dat > MxDC D > Data Col > Autopro	amples: Shipping a during your bea ata Collection lection Primer cess rs must collect da	Samples		aphy mentor fa	miliar with
Provide Sample Information Ship Samples	First 30-60 ministes Confirmation from Staff	Collect Data	End Session Submit Feetback		n Stęping constat   Sphooren.cz

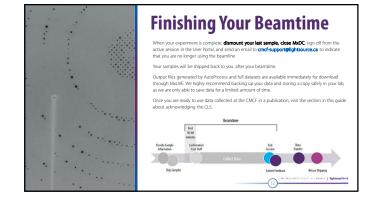


## Starting Your Beamtime

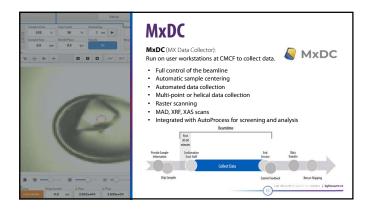
CMCF staff will hand-over the session on the User Portal, load your samples in the automounter, and check the beamline before providing you with confirmation that the beamline is ready. This normally takes around 30-60 minutes, so expect the confirmation sometime in the first hour of your scheduled beamtime. You may login remotely while you are waiting, but please wait for confirmation before opening the data collector, MxDC.

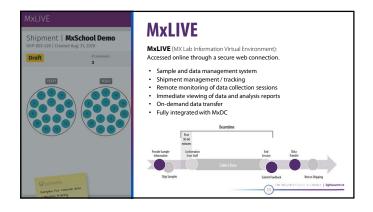
You will need to sign-on to the active session on your CLS User Portal dashboard, indicating the appropriate team members & samples. Once you have signed-on and received confirmation from beamline staff, you may begin your experiment.

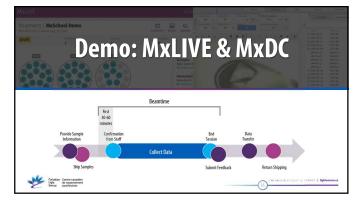






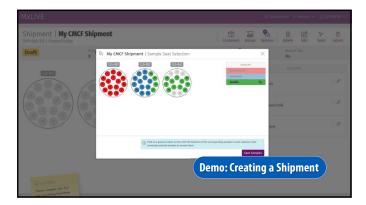




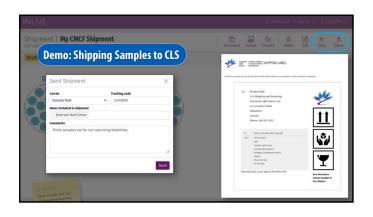


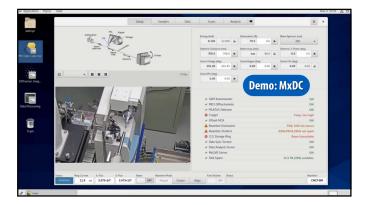


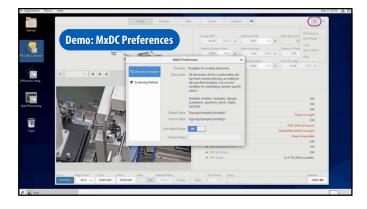
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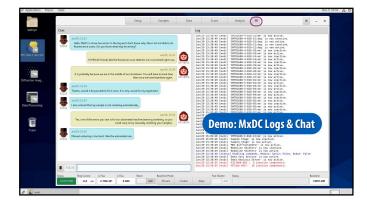


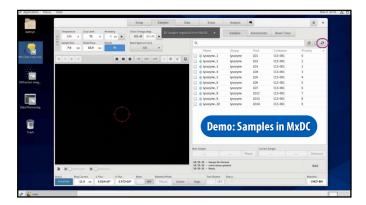

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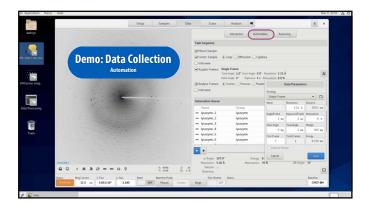






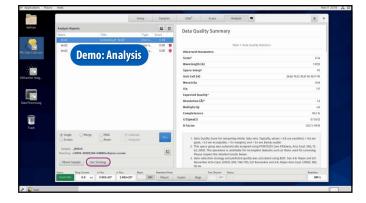


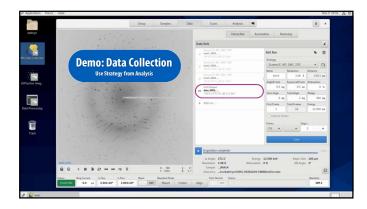










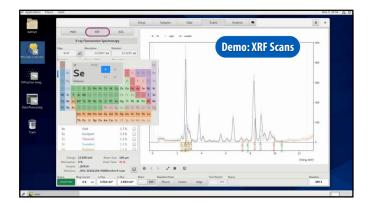


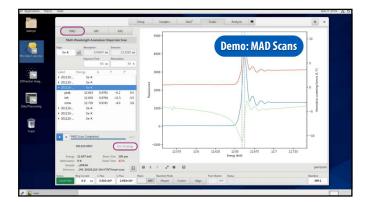












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