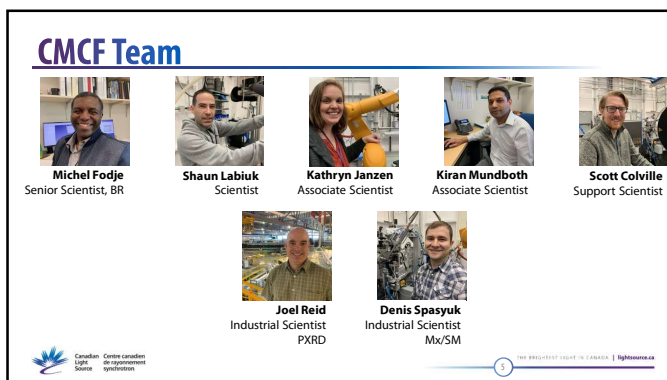









Introduction to CMCF

CMCF Staff, Modes of Access, Techniques Available, CMCF-BM

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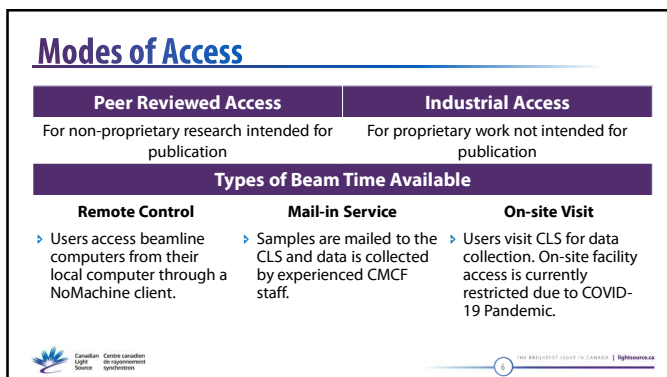


CMCF Team

 Michel Fodje Senior Scientist, BR	 Shaun Labiuk Scientist	 Kathryn Janzen Associate Scientist	 Kiran Mundboth Associate Scientist	 Scott Colville Support Scientist
 Joel Reid Industrial Scientist PXRD		 Denis Spasyuk Industrial Scientist Mx/SM		

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Modes of Access

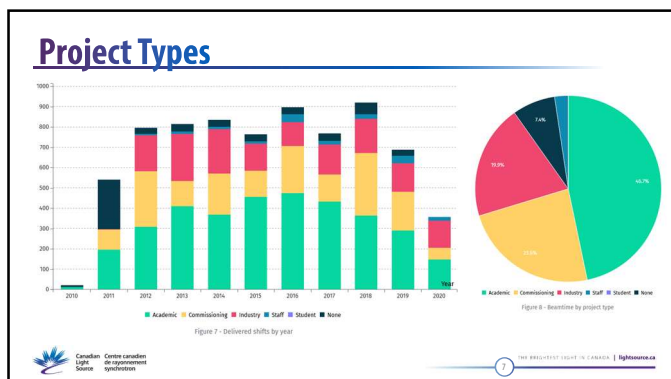
Peer Reviewed Access	Industrial Access
For non-proprietary research intended for publication	For proprietary work not intended for publication

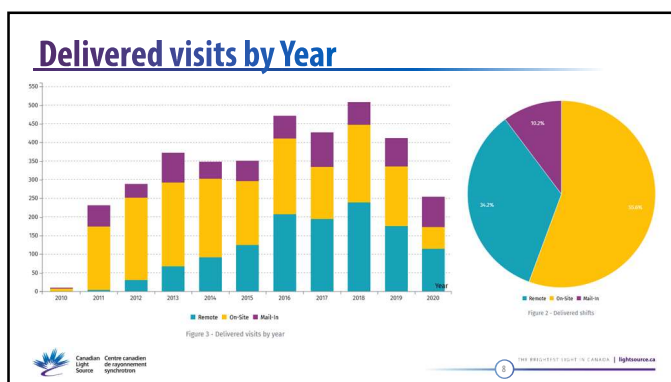
Types of Beam Time Available

Remote Control	Mail-in Service	On-site Visit
› Users access beamline computers from their local computer through a NoMachine client.	› Samples are mailed to the CLS and data is collected by experienced CMCF staff.	› Users visit CLS for data collection. On-site facility access is currently restricted due to COVID-19 Pandemic.

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Beamline Techniques Available

CMCF-BM	CMCF-ID
<ul style="list-style-type: none"> Single Crystal X-ray Diffraction: <ul style="list-style-type: none"> Screening and Native data collection MAD, SAD and S-SAD experiments XRF, EXAFS, and XANES on crystals Powder Diffraction Small molecule crystallography 	<ul style="list-style-type: none"> Single Crystal X-ray Diffraction: <ul style="list-style-type: none"> Screening and Native data collection MAD, SAD, and S-SAD experiments XRF on crystals

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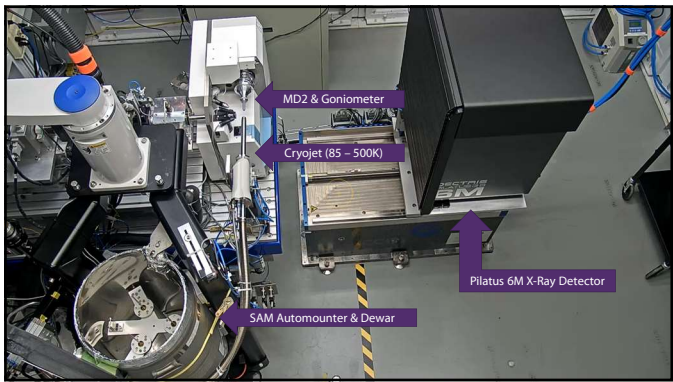
CMCF-BM (08B) – Beamline Optics

Double-crystal Monochromator (DCM)	Double-multilayer Monochromator (DMM)
<ul style="list-style-type: none">Si(111) crystalEnergy tunable from 6 – 18 keV by users	<ul style="list-style-type: none">Energy tunable from 7- 10.5 keV by staff onlyHigh-flux mode<ul style="list-style-type: none">~40x higher flux at 8 keV~9x higher flux at 10.5 keV



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Questions?

