

Capabilities and capacities of the NSLS-II beamlines, AMX and FMX during the APS upgrade "dark period"

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The APS will go dark starting in April of 2023 for a major upgrade.

APS hosts many of the MX beamlines in US, impactful beamlines to be exact and produces about 60 % of the US PDB structures.

The NSLS-II, BNL, Upton, NY, has 3 MX beamlines funded by the NIH and DOE/BER; AMX and FMX and a 3rd beamline NYX.

At AMX and FMX we are currently working on several projects that will increase user and sample throughput.

Capabilities and plans to support displaced users will be presented.

AMX beamline page: <https://www.bnl.gov/nsls2/beamlines/beamline.php?r=17-ID-1>

FMX beamline page: <https://www.bnl.gov/nsls2/beamlines/beamline.php?r=17-ID-2>

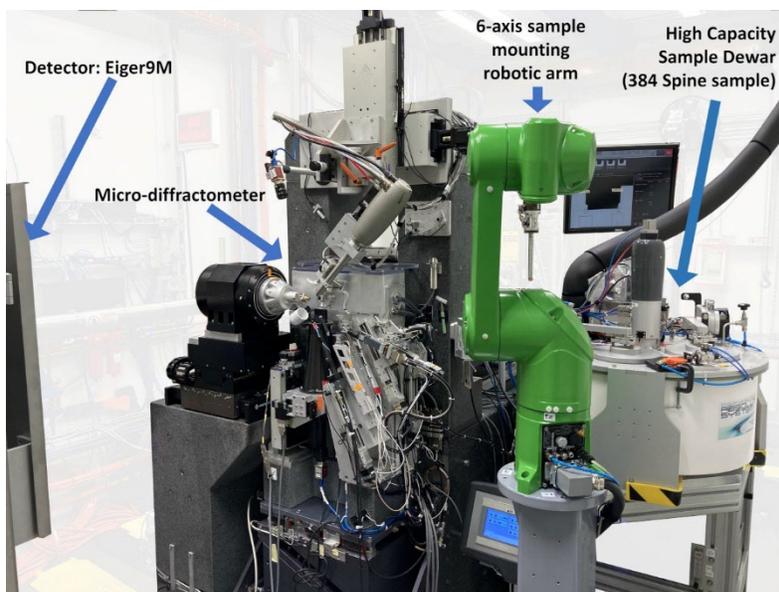


Figure 1