

The Expanding World of Nanofabrication – *an update from NanoFabrication Kingston*

June 14, 2024

Good day,

You are receiving this important update as a user of NFK, as a supervisor of a user, or as someone who requested to receive these updates.

Technical issues

Evaporator. The cryopump on the evaporator has been replaced and the system is working normally again.

Raith EBL/SEM. The turbo pump on the Raith has been replaced and the system is working normally again.

DI water. The system that delivers RO water to the purifier is being replaced over the next couple of weeks. There will be a brief period where DI water will not be available from the hoods. Instead, DI water that has been collected in bottles will be available for use. When this happens, I will inform anyone with bookings during that time.

Lab Management Software

NFK will be rolling out a new software interface for using the facility, called **QReserve**, which is already in use by other facilities in the Chemistry Department. The interface will include a calendar for scheduling time at NFK, a mechanism to check in and out of reservations for billing purposes, and a place to make documentation (like operating procedures and manuals) available to NFK users. Please note that we may need to make minor changes to basic processes to adapt to the new system, which will be communicated to users when trained on it.

Over the next few weeks, users will begin gradually transferring to the new system. Please continue using existing procedures for now, but be prepared to receive further instructions to start using the new system the next time you request to book something.

Upcoming schedule

For the week of **June 24-28**, I will be away and potentially unable to check email. The lab will be open during this time, but usage will be limited to experienced users performing less hazardous tasks and all bookings for that week should be made **before June 22nd**.

See you at the lab!

Graham Gibson

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