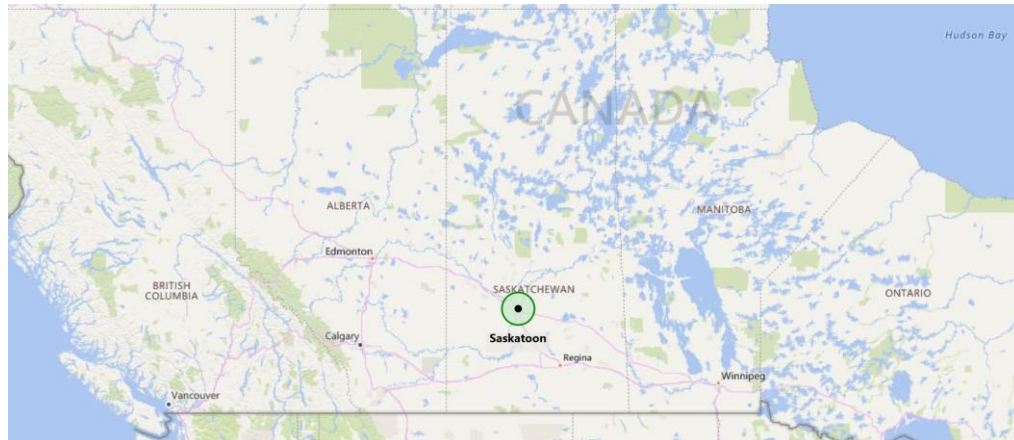


Canadian Light Source (CLS) Overview

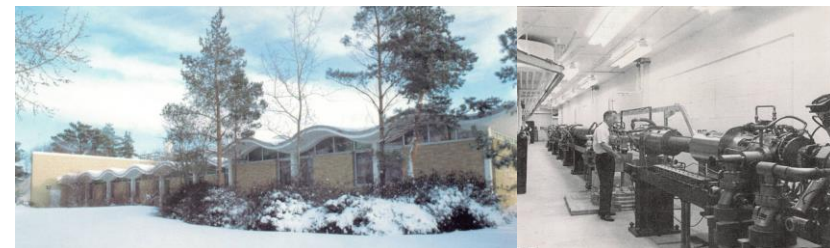
Saskatoon, Saskatchewan, Canada



3rd generation lightsource user facility in operations since 2003.



Built on the existing Saskatchewan Accelerator Laboratory (SAL) which was established in 1962.



CLS Accelerators

Lots of space in the old nuclear physics bunker.

200 keV DC e-gun, 200 MeV linac, 0.2-2.9 GeV booster, 2.9 GeV storage ring

Booster synchrotron

250 MeV Linac

Storage ring

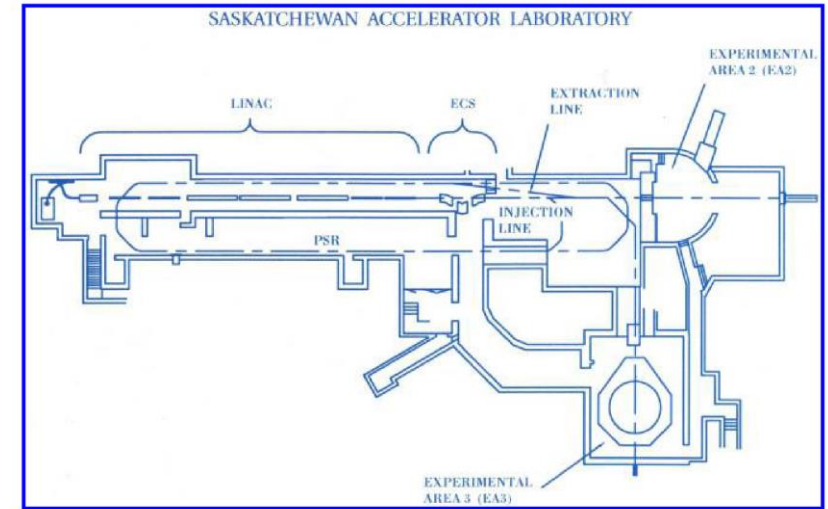
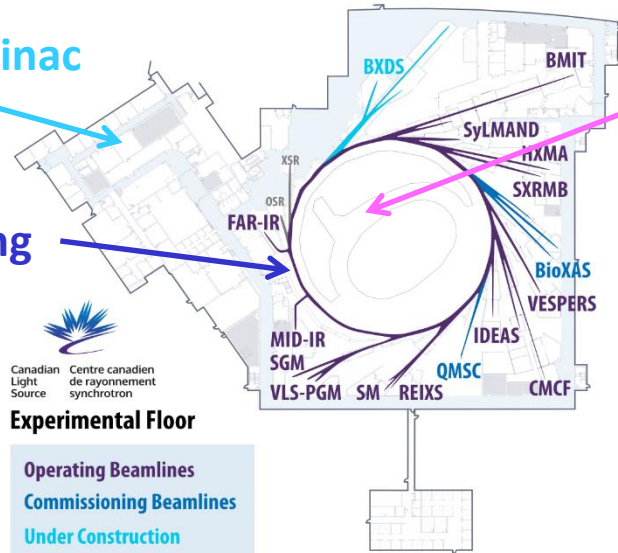


Fig. 16. The Saskatchewan pulse stretcher ring EROS (credit: SAL).

Established the CLS 2.0 Innovation Group to write a CDR for a new MBA lattice as an upgrade to the facility.



Project to build an RF e-gun test stand

