

# Joel Fuerst



Joel Fuerst earned a BSME from UNL and a MSME from Northwestern University. He joined Fermilab in 1986, supporting Tevatron cryogenic operations and upgrades. In the late 1990's he became involved in superconducting rf through Fermilab's photoinjector program supporting the TESLA Test Facility at DESY. In 2001 Joel joined Argonne National Laboratory's Physics Division developing low-beta SRF cavities and cryomodules for the ATLAS heavy ion accelerator and conducting R&D for future rare isotope accelerator concepts. In 2010 Joel joined Argonne's Advanced Photon Source, providing cryogenic support for SRF and superconducting undulator programs within the APS Upgrade. In March of 2019 Joel became the cryogenic systems manager for the LCLS-II-HE project at SLAC. Joel is a past president and past board chairman of the Cryogenic Society of America.