The intersections between high energy particle physics (HEP) and QIS originate with Richard Feynman’s original suggestion to use quantum computers to solve quantum problems. HEP physicists have become alpha users of NISQ processors, starting to build a pathway to simulating the real time dynamics of LHC collisions and the dynamics of quantum gravity. In the near term, newly-emerging quantum sensor technologies are being applied to the challenge of detecting ultralight dark matter in the laboratory, including new experiments launching at Fermilab. At the same time technologies and infrastructure developed for HEP are finding quantum applications; these include ultrahigh Q superconducting RF cavities, cryogenic electronics, and fast DAQ for high rate quantum communications.