

## **ARIEL: TRIUMF's Advanced Rare IsotopE Laboratory**

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TRIUMF, Canada's national laboratory for Nuclear and Particle Physics, has recently embarked on the construction of ARIEL, the Advanced Rare IsotopE Laboratory, with the goal to ultimately triple the current Rare Isotope Beam capability. ARIEL will use proton-induced spallation and electron-driven photo-fission of ISOL targets for the production of short-lived rare isotopes that are delivered to experiments at the existing ISAC facility. I will present an overview of the ARIEL project and status of design and construction of the new high power superconducting electron linear accelerator, and give a status report on the VECC-TRIUMF Test Facility that serves as a system integration test of the ARIEL electron linac.