



Accelerator Research Laboratory Accelerator Technology Corp.

Postdoctoral Fellowship, Predoctoral Interns Accelerator Physics and Superconducting Technology

Accelerator Research Lab is a non-profit laboratory where we develop science and technology for particle accelerators, and applications of importance in biomedicine and green energy. Current projects include an 18 T conformal dipole for future hadron colliders, a pulsed beam line for an electron linac, and a solenoid spectrometer and time projection chamber for nuclear scattering experiments.

Accelerator Technology Corp. is a for-profit business where we develop products that utilize superconducting technologies. ATC manufactures structured cable-in-conduit using NbTi, Nb₃Sn, and Bi-2212, and blocks-in-conduit cable using REBCO. Current projects include a 50 T solenoidal lens for muon cooling rings, a superconducting gantry for ion beam cancer therapy, a walk-through MRI scanner for breast cancer screening, and a superconducting transmission line for green electric power.

We are seeking qualified candidates for a postdoctoral scientist and for a predoctoral intern. Each would contribute to one of the above projects.

ARL and ATC are each small, innovative teams in which individual scientists can grow and learn, take leadership, and build their careers.

ARL and ATC are affirmative action employers, and we welcome applications from all qualified candidates. Employment decisions are made without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, or veteran status.

Interested candidates should send resume and references to p-mcintyre@acceleratorresearch.org. Applications should be submitted before May 1, 2024.



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