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## Training capability of the Brookhaven National Laboratory Accelerator Test Facility

*Tuesday, 8 November 2022 17:00 (2h 30m)*

Brookhaven Laboratory Accelerator Test Facility has a long history as a training site for graduate and undergraduate students. Young professionals are working on experiment setup during the active phases of the user program and assist engineers in design, build and repair of equipment during shutdowns.

Stony Brook University Center for Accelerator Science and Education and City University of New York have educational programs like “Ernest Courant Traineeship” to bring students on site for classroom lectures and facility tours. University students and young scientists get experience as linac operator trainees when linear accelerator provides e-beam for experiments. Future professionals learn to run the accelerator and to deliver beams to experiment chambers. Hands-on experience in running beams at ATF provides good experimental background while it is complementary to the of study laser physics and accelerator beam dynamics in university courses.

In this talk we will show the ATF from the perspective of serving the community for educational purposes, will provide statistics and discuss the ATF potential as a training center.

### Acknowledgments

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