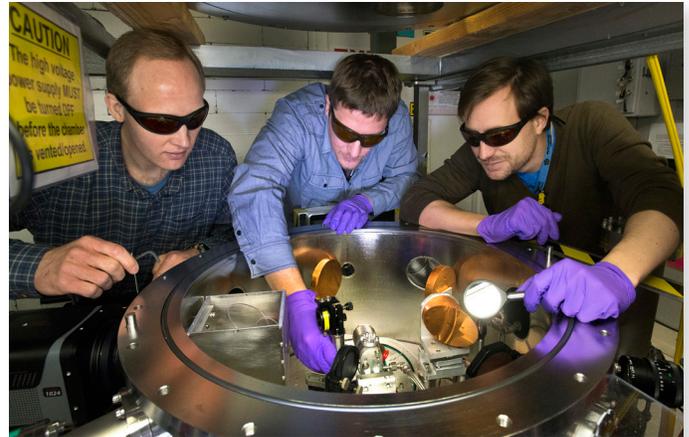


Call for Proposals



Researchers working in accelerator science and technology as well as related fields are invited to submit proposals for review by the Program Advisory Committee at the ATF Users' Meeting 2014.

This event, held in conjunction with the ATF Upgrade Workshop, is an opportunity for present- and potential-ATF users to get together and discuss their recent achievements and future plans.



The ATF, recently described as a flagship of the DOE's **Accelerator Stewardship Program** (<http://science.energy.gov/hep/research/accelerator-rd-stewardship>), is a unique user facility employing three electron-beam lines, with energies up to 80 MeV, synchronized with a 2-TW CO₂ laser (and also two solid-state lasers at lower energies). The ATF can produce high-brightness electron bunches measuring <10 μm RMS transversely and 100 fs in length, with a variable charge, energy, and emittance, and can generate bunch trains with tunable spacing, as well as interacting these beams with plasma and lasers.

Our picosecond CO₂ laser supports studies of strong-field phenomena in the mid-IR spectral domain that opens up a host of new research opportunities.

The ATF's diverse experimental program for users covers such areas as ion generation, plasma/laser/dielectric wakefield acceleration, Compton scattering, IFELs, beam instrumentation, photo-injector R&D, structure-driven accelerators, FELs, THz generation, beam manipulations, and much more.

Who May Submit?

As a proposal-driven user facility, the ATF accepts proposals from across the scientific community including universities, laboratories, and industry, regardless of the source of funding or the intended application of the accelerator-science pursued. The ATF welcomes proposals from researchers both in the United States and international communities; proposals for work that is synergistic with the mission of the DOE's Office of Science will receive priority consideration.

Do My Experimental Requirements Match the ATF's Capabilities?

Check out our website, www.bnl.gov/atf, for information about our capabilities, and then contact Mikhail Fedurin (fedurin@bnl.gov) to discuss your ideas for performing your experiment at the ATF.

How to Submit?

Go to www.bnl.gov/atf and click on the "Apply for Access" button to find the proposal submission form.

[Apply for Access](#)

Important Dates

Proposal Submission Deadline: September 15th

Guest House Cut-off Date: September 29th

Registration Deadline: October 6th

ATF Users Meeting:
October 14th - 15th

ATF II Upgrade Workshop:
October 16th - 17th