

Abstract Submitted
for the FWS17 Meeting of
The American Physical Society

Lawrence Livermore National Laboratory's EBIT-I Electron Beam Ion Trap: A host facility for interns¹ GREGORY BROWN, Lawrence Livermore National Laboratory, THUSITHA ARTHANAYAKA, Lawrence Livermore National Laboratory, Columbia Astrophysics Laboratory, PETER BEIERSDORFER, NATALIE HELL, TOM LOCKARD, EDWARD MAGEE, Lawrence Livermore National Laboratory — Lawrence Livermore National Laboratory's (LLNL) EBIT-I electron beam ion trap facility has been employed as a host to interns of many levels, including high school, undergraduate, and graduate students, as well as high school science teachers. While at LLNL's EBIT-I, interns are exposed to scientists from a diverse background involved in a variety of scientific fields, from high energy astrophysics, planetary physics and atomic physics, to the physics of burning plasmas and high-density laser plasmas. Interns are not only exposed to the daily lives of scientists at a national science facility, but also gain "hands on" experience by becoming active participants in one or more on-going experiments. An overview of the program will be presented.

¹Work at LLNL is performed under the auspices of the U.S. DoE under contract No. DE-AC52-07NA27344.

Gregory Brown
Lawrence Livermore National Laboratory

Date submitted: 16 Oct 2017

Electronic form version 1.4