

Proposal: Proposal Title
LANSCE Flightpath
PI: A. Investigator, *Institution*

In order to more effectively capture the range of science performed at LANSCE, we are asking each PI to provide a roughly one-page highlight (250-500 words) on the work performed including a single figure of the preliminary results from the beamtime. These will be used internally by the LANSCE User Facility to advocate for continued support as well as develop LANSCE facility reports. The discussion should be targeted for a *Scientific American*-level audience.

Please provide a brief description of the scientific and/or technical accomplishments during the beamtime, the significance and context of the work, the techniques used, the flightpath, and the experimental team (including any students who may use the research as part of a PhD). Please provide at least one print-quality image of the (preliminary) results or experiment. Please identify the Laboratory mission areas and science pillars supported by the research.

LANSCE Data



Figure 1: Shown above is data from the LANSCE experiment.

Experiment Team: A. Investigator (An Institution and Group), B. Investigator (Another Institution and Group),..., Q. Investigator (Last Institution and Group)

Technical POC: A. Investigator (a.investigator@an.institution.afl)

Funding Source: (please include LANL program manager name)

Laboratory mission(s) and Science Pillar(s) supported: e.g. (This work supports the Laboratory's (*Nuclear Deterrence, Stockpile Stewardship, Global Security, Energy Security, Basic Science*) mission and (*Materials for the Future; Nuclear and Particle Futures; Science of Signatures; Information, Science and Technology for Prediction*) science pillar by (*please briefly describe how the work supports these areas*).

Milestones Supported:

DC Reviewer: A. Reviewer

Publications Resulting from this Research: (if applicable)

Invited Talks/Awards/Patents: (if applicable)