



Contribution ID: 93 Contribution code: **MOZD03**

Type: **Invited Oral Presentation**

A test stand for LAMP, the LANSCE accelerator modernization project

Monday 11 August 2025 15:00 (30 minutes)

The Los Alamos Neutron Science Center (LANSCE) has been in service for over 50 years. The LANSCE accelerator is exhibiting an increasing rate of end-of-life issues, particularly in the “front end” region –from the ion sources to the end of the 100-MeV drift tube linac (DTL). The LANSCE Accelerator Modernization Project (LAMP), recently been approved for CD-0, will replace the existing LANSCE front end with new ion sources followed by an RFQ and new DTL, with co-acceleration of H⁻ and H⁺ through the RFQ and DTL. This talk outlines the scope of the LAMP project with a focus on the efforts of building and commissioning the RFQ Test Stand which will demonstrate simultaneous dual beam species through an RFQ.

Please consider my poster for contributed oral presentation

Yes

Would you like to submit this poster in student poster session on Sunday (August 10th)

No

Footnotes

Funding Agency

I have read and accept the Privacy Policy Statement

Yes

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Session Classification: Hadron Accelerators (Invited)

Track Classification: MC4 –Hadron Accelerators