



Contribution ID: 2655 Contribution code: TUPM112

Type: **Poster Presentation**

Benchmarking HPSim with the LANSCE Linac

Tuesday, 9 May 2023 16:30 (2 hours)

HPSim, the GPU-powered multi-particle simulation code developed for LANSCE, can provide critical 6-D beam distributions in near real-time to LANSCE user facilities. We will present the benchmarking results for HPSim to the LANSCE linac and our effort to provide a real-time distribution to the Isotope Production Facility.

Funding Agency

Footnotes

I have read and accept the Privacy Policy Statement

Yes

Primary authors: HUANG, En-Chuan (Los Alamos National Laboratory); ANISIMOV, Petr (Los Alamos National Laboratory); RYBARCYK, Lawrence (Los Alamos National Laboratory)

Presenter: ANISIMOV, Petr (Los Alamos National Laboratory)

Session Classification: Tuesday Poster Session

Track Classification: MC4: Hadron Accelerators: MC4.T12: Beam Injection/Extraction and Transport