

Abstract Submitted
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**The Neutron Induced Fission Fragment Tracking Experiment:
Hardware Overview** DANA DUKE, Cal Poly San Luis Obispo, NIFFTE COL-
LABORATION — The goal of the Neutron Induced Fission Fragment Tracking Ex-
periment (NIFFTE) is to measure fission cross sections with unprecedented precision
using time projection chamber (TPC) technology. The NIFFTE TPC hardware and
supporting systems are discussed, including neutron source, gas system, and data
acquisition. The current status of hardware implementation for the experiment will
be presented.

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