The Neutron Induced Fission Fragment Tracking Experiment

JENNIFER KLAY, California Polytechnic State University San Luis Obispo, NIFFTE COLLABORATION — The Neutron Induced Fission Fragment Tracking Experiment will employ a novel, high granularity, pressurized time projection chamber (TPC) to measure fission cross-sections of the major actinides to sub-1% precision. This talk will present an overview of the design of the NIFFTE TPC, current status of the project and why we believe this device may produce a renaissance in low energy nuclear physics experiments.