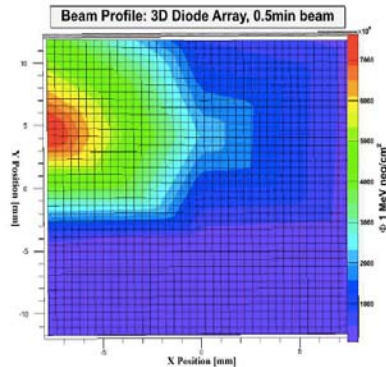
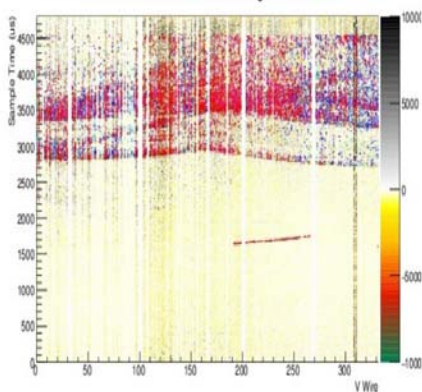
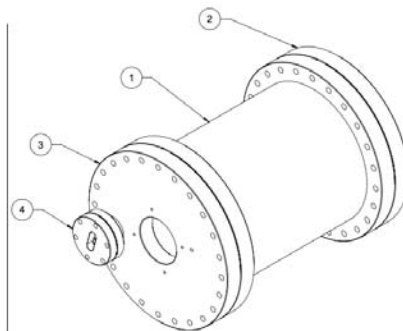
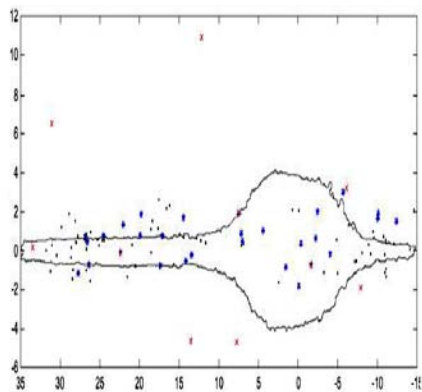


# PHYSICS

## UNDERGRADUATE RESEARCH COLLOQUIUM



**WHEN**

**Friday May 6, 3-5 pm**

**WHERE**

**Regener Hall Rm 103**

**University of New Mexico Main Campus**

**FEATURING • Sigma Pi Sigma Induction • Research Presentations • Thesis Talks • Faculty Advisor Intros**

## UNDERGRADUATE HONORS TALKS

**Nelly Ayllon**

Development of a Method for Measuring Charged Particle Beam Fluence Beyond  $1e16$  1-MeV-neutron equivalent/cm<sup>2</sup>

**Alex Mills**

Scintillation of Xenon-doped Liquid Argon in the BACON Detector

**Brad Philipbar**

R&D Leading Toward the Deep Underground Neutrino Experiment

**Cameron Trapp**

The high frequency calibrator conundrum: Pipeline and identification algorithm for potential calibrator sources

## SOCIETY OF PHYSICS STUDENTS

The SPS UNM Chapter is a dedicated group of physics students looking to make a difference in the community and strengthen student involvement in physics throughout the region