

Abstract Submitted  
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**SCD installed at LANSCE** JOE PETERSON, KARUNAKAR KOTHAPALLI, HEINRICH NAKOTTE, ARTHUR SCHULTZ, New Mexico State University — Flight path 6 at Los Alamos Neutron Science Center (LANSCE) was equipped with a single crystal diffractometer (SCD). Imported from Argon's recently terminated Intense Pulsed Neutron Source (IPNS), the SCD features two position-sensitive neutron scintillator area detectors based on the Anger camera design. Each detector has an active area of  $15 \times 15 \text{ cm}^2$  and boasts achieve spatial resolution finer than 2 mm. Some of our initial studies indicate that useful measurements can be performed on single crystals less than  $1 \text{ mm}^3$ .

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