

Abstract Submitted
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Design of a Gas Delivery System for use with a Fission Time Projection Chamber LUCAS SNYDER, UWE GREIFE, Colorado School of Mines
— Developing advanced nuclear reactors and waste recycling techniques requires an improvement in many basic nuclear physics measurements. To address part of this need a Time Projection Chamber is being constructed to measure fission cross sections to a higher precision than traditional fission chambers. This talk will discuss how a Time Projection Chamber works and the details of a gas delivery system being constructed for use with it.

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