

Abstract Submitted  
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**Crosstalk Studies of a Time Projection Chamber<sup>1</sup>** JONATHAN RYER, University of Illinois Urbana-Champagin — The crosstalk between various pads of a Time Projection Chamber (TPC) developed for the experiment MuSun was studied. Crosstalk between TPC pads must be studied and understood in order for proper muon path reconstruction to be obtained. A printed circuit board was developed to use capacitive coupling to transmit a signal pulse onto the TPC, where the crosstalk of the transmitted signal was studied.

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