

Abstract Submitted  
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**Jet formation in multi-wire X-pinch** ERIK SHIPTON<sup>1</sup>, DAVID HAAS<sup>2</sup>, GREG ANDREEV<sup>3</sup>, KATHY WAGSCHAL<sup>4</sup>, ZAID KARIM<sup>5</sup>, FARHAT BEG<sup>6</sup>, University of California, San Diego — Experiments have been performed to study jet formation using a compact x-pinch pulser, which produces 80 kA current in 40 ns. X-pinch consisting of various wire materials including tungsten, molybdenum, iron and aluminum were used. Number of wires, x-pinch angle and length were varied to study jet formation. The jets were observed to be formed about 5 ns after the current start. The wires connected to the cathode were observed to expand faster. Detailed results will be presented at the meeting.

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