

Abstract Submitted  
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**Soft x-ray laser interferometry of dense plasma jets collimated by radiation cooling** DUNCAN RYAN, JONATHAN GRAVA, MICHAEL PURVIS, JORGE FILEVICH, Colorado State University, VYACHESLAV SHLYAPTSEV, Lawrence Livermore National Laboratory, JORGE ROCCA, Colorado State University — The increase in collimation of laboratory plasma jets created with short laser pulses of low energy ( $\leq 1$  J) energy with target atomic number was studied using soft x-ray interferometry and hydrodynamic code simulations.

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