

Abstract Submitted  
for the DFD09 Meeting of  
The American Physical Society

**Co-flowing liquids in the presence of electric fields** ALBERTO FERNANDEZ-NIEVES, VENKAT GUNDABALA, Georgia Tech, IGNACIO GONZALEZ-LOSCERTALES, University of Malaga, ANTONIO BARRERO, University of Sevilla — We apply electric fields to a liquid that is extruded through a capillary tip in the presence of a surrounding co-flowing liquid and induce formation of a jet that ultimately breaks into drops. We will present some results related to this experiment, which can lead to a better and extended control of the drop sizes.

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Date submitted: 06 Aug 2009

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