

Abstract Submitted  
for the DFD12 Meeting of  
The American Physical Society

**Whipping in electrified liquid jets** JOSEFA GUERRERO MILLAN, VENKAT GUNDABALA, ALBERTO FERNANDEZ-NIEVES, Georgia Institute of Technology — Whipping is a non-axisymmetric instability that appears in electrified jets. In air, it usually manifests in a chaotic fashion and thus, its structure and properties have been hard to quantify experimentally. We use electro-coflow to generate a steady-state whipping structure and quantify its geometry and how it depends on operating parameters, like liquid flow rates and applied voltage.

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Date submitted: 19 Jul 2012

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