

Abstract Submitted  
for the NEF05 Meeting of  
The American Physical Society

**Dripping, Jetting, Drops and Wetting: The Magic of Microfluidics.** DAVID WEITZ, Harvard University — Microfluidic techniques enable easy visualization of many fluid structures, permitting the study of hydrodynamic instabilities, allowing them to be constructively harnessed. This talk will explore droplet formation, and will show how hydrodynamic instabilities can be exploited to create fascinating new structures, and how the drops can be used as nanoreactors.

David Weitz  
Harvard University

Date submitted: 26 Sep 2005

Electronic form version 1.4