

Abstract Submitted  
for the DFD05 Meeting of  
The American Physical Society

**Current Sheet Formation in MHD: Analytical and Numerical Results** DAVID ROLLINS, BHIMSEN SHIVAMOGGI, University of Central Florida  
— Current sheet formation in MHD caused by the magnetic field line sweeping by the plasma flow near a hyperbolic magnetic neutral line is investigated. Analytical and numerical results are given.

David Rollins  
University of Central Florida

Date submitted: 28 Jun 2005

Electronic form version 1.4