

Abstract Submitted  
for the DFD07 Meeting of  
The American Physical Society

**Flow meandering and surface properties** KEITH MERTENS, VAKHTANG PUTKARADZE, Colorado State University, BJORN BIRNIR, University of California - Santa Barbara, PETER VOROBIEFF, The University of New Mexico — We present a study of the behavior of a gravity-driven rivulet flowing down an inclined surface. Several surfaces with different wetting properties are investigated, with the objective to determine the influence of the contact angle on the statistical properties of rivulet meandering.

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Date submitted: 03 Aug 2007

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