

Abstract Submitted
for the DFD13 Meeting of
The American Physical Society

Flow around the corner in the water impact problem ROUSLAN
KRECHETNIKOV, University of California at Santa Barbara — In this work we
discuss an effect of three dimensionality of the impacting body on the ejecta evolution
in the water impact problem as inspired by recent experimental data. The main
finding of this study is the revealed and quantified influence of the geometry of
a flat plate corner on the ejecta properties. The systematic approach taken here
provides a generalization of the classical two-dimensional results.

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Date submitted: 04 Aug 2013

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