

Abstract Submitted
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How the Dust Acoustic Wave Initiates the Taylor Instability in the Vertical Plane KATHERINE PACHA, University of Iowa — How the dust acoustic wave creates the Taylor instability in a laboratory dusty plasma are presented. The Taylor Instability was triggered by the dust acoustic wave creating an instability along the vertical interface of the cloud which allowed the low-density dust fluid into the high-density dust fluid. Reflection of the dust acoustic wave aides in its strength.

Katherine Pacha
University of Iowa

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