

Abstract Submitted
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Patterns of Drop Impact onto Intermediate-Heightened Pools: Fingers, Rings, and Flowers¹ FAN-WEI WANG, CHUN-TI CHANG, National Taiwan University — What happens when a drop impacts a pool with a depth comparable to the drop's diameter? Through high-speed imaging, our experiments reveal three categories of patterns: fingers at lower impact velocities, flowers at higher impact velocities, and stagnant rings in between. Recent observations will be reported in this talk, together with our characterization by scaling analysis.

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