Evolution of injected air stream in granular bed

RITWIK MAITI, ph.D. Student, GARGI DAS, PRASANTA DAS, Professor — An air stream injected through an orifice into a granular bed creates intriguing but aesthetically exotic patterns. The interaction of air with an aggregate of cohesionless granules presents evolution of patterns from stationary bubble to meandering filament and finally to a floating canopy with the increase of air velocity.

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