

Abstract Submitted  
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**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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