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Self-assembly and speed distributions of active granular particles

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*Highlights (for review)

Highlights

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Title: Self-Assembly and Speed Distributions of Active Granular Particles

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- We study elongated self-propelled granular particles, disturbed stochastically.
- Clustering appears to be far more important than morphology for the dynamics.
- Cluster size and dissipation are the key phenomena governing speed distributions.
- Clustering behavior can likely be extrapolated to bulk systems.