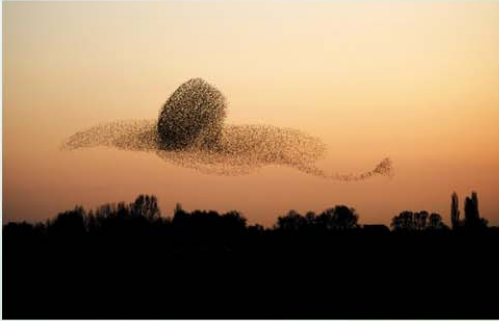
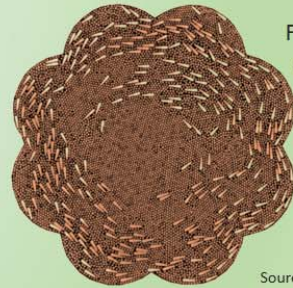


Seeking to Understand the Science of Life

Flocking birds can synchronize to make patterns

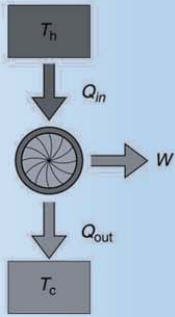


Source: Nature News Feature (2016)



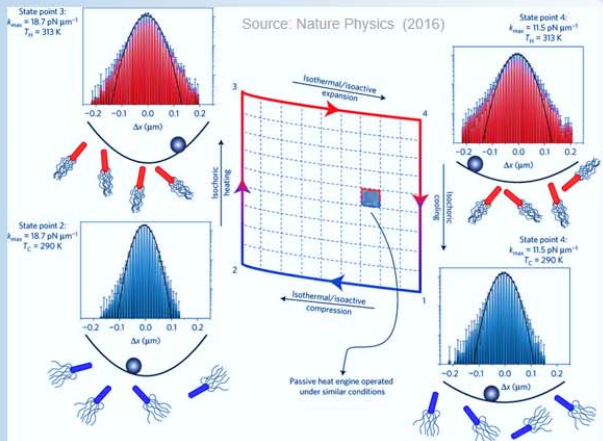
Flocking at a distance in active granular matter

Source: Nature Communications (2014)



Efficiency: $\epsilon = W/Q_{in}$

A micrometerized heat engine operating between bacterial reservoirs



Prof. Ajay Kumar Sood
Department of Physics, IISc Bangalore

Speaks on

Exciting Physics of Active Matter Inspired by Nature: Flocking and Bacterial Heat Engine

Time: 5 pm, Date: 26/03/2019, Venue: LH121