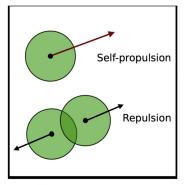
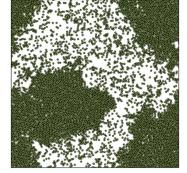
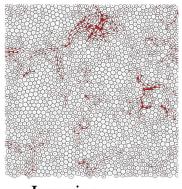


## **Active Brownian Particles**







Swim pressure

Phase Separation

Jamming Density



Lecture Announcement Fall 2019/Winter 2020



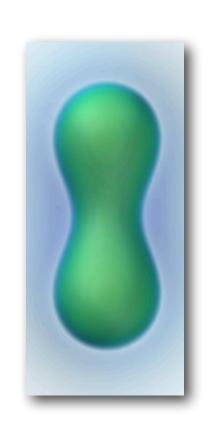
## Phase transitions in Active Matter Abhi Sharma & Christoph Weber

Tue: 9 20 am



TUD, Zellescher Weg 17 room BZW/A120/P

Active Brownian Particles
Criticality in Active Gels
Active Emulsions
Theory of Swarming
Active Stresses in Networks



Students have the chance to solve little research challenges linked to current research topics in the field of active matter

Interested researchers are also highly welcome!

more information see:

www.pks.mpg.de/mesoscopic-physics-of-life/ teaching/phase-transitions-in-active-matter



Questions to: weber@pks.mpg.de sharma@ipfdd.de