
Seminar

Active motion: Exploring the path of microswimmers

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Active motion of entities which have some intrinsic propulsion mechanism has attracted enormous attention recently. Nature has invented appealing mechanisms for microorganisms to move forward in a fluid at low Reynolds number and artificial microswimmers are constructed. Since they constantly move out of equilibrium, novel phenomena arise in their generic behavior under external fields and they show emergent collective dynamics.

The talk reviews some of our work on these aspects including biomimetic chemotactic behavior.

Tuesday, Jan 27th 2015

11:30 AM (Tea/Coffee at 11:15 AM)

Seminar Hall, TCIS