



Winter School

# MOTILE ACTIVE MATTER:

NANOMACHINES, MICROSWIMMERS, AND SWARMS

February 25 – March 1, 2019 in Jülich, Germany

Organized by the DFG Priority Programme 1726

**Microswimmers – From Single Particle Motion to Collective Behaviour**

- Active agents
- Nonequilibrium processes
- Hydrodynamics
- Phase separation
- Navigation & guidance
- Artificial & biological microswimmers
- Propulsion and locomotion
- Cell migration
- Self-organization
- Collective motion
- Confinement



**Deadline for applications: November 30, 2018**

**Registration and information: [www.fz-juelich.de/ics/microswimmers](http://www.fz-juelich.de/ics/microswimmers)**

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