

Nice – Parc Valrose

Fizeau building – O. Chesneau room

	Monday 18	Tuesday 19	Wednesday 20	Thursday 21	Friday 22
9h00 - 10h30	Welcome Introduction course (part 1): “Introduction to and challenges in active matter” F. Peruani	Projects session	Course (part 1): “Magnetic microswimmers” D. Faivre	Course (part 1): “What can we learn from model experiments of active matter ?” O. Dauchot	Course (part 1): “A mathematical and computational framework for micro-swimming” C. Prud'homme
10h30 - 11h00	Break	Break	Break	Break	Break
11h00 - 12h00	Conference : “Chemical motors and pumps: from single swimmers to collective effects” P. Fischer	Projects session	Conference : “Kinetic and Hydrodynamic Modeling of Active Particle Systems” P. Degond	Conference : “Investigation of collective states using programmable active matter” C. Bechinger	Conference : “Squirms — from hydrodynamic propulsion to active turbulence” G. Gompper
12h00 - 13h30	Lunch break	Lunch break	Lunch break	Lunch break	Lunch break
13h30 - 15h00	Introduction course (part 1): “Introduction to and challenges in active matter” F. Peruani	Projects session	Course (part 2): “Magnetic microswimmers” D. Faivre	Course (part 2): “What can we learn from model experiments of active matter ?” O. Dauchot	Course (part 2): “A mathematical and computational framework for micro-swimming” C. Prud'homme
15h00 - 15h30	Break	Break	Break	Break	Break
15h30 - 17h30	Projects introduction	Projects session	Projects session	Projects session	Projects session

Fréjus – Villa Clythia

	Monday 25	Tuesday 26	Wednesday 27	Thursday 28	Friday 29
9h00 - 10h30	Course (part 1): “Motile bacteria as active particles” E. Clement	Course (part 1): “Organization of a living nematic by confinement and surface patterning” I. Aronson	Course (part 1): “Optimal swimming at low Reynolds number with a higher number of controls: two examples” F. Alouges	Conference : “Robot control for magnetic swimmers” N. Andreff	Round-table on Projects session
10h30 - 11h00	Break	Break	Break	Break	Break
11h00 - 12h30	Course (part 2): “Motile bacteria as active particles” E. Clement	Course (part 2): “Organization of a living nematic by confinement and surface patterning” I. Aronson	Course (part 2): “Optimal swimming at low Reynolds number with a higher number of controls: two examples” F. Alouges	Projects session	Round-table on Projects session
12h30 - 14h00	Lunch break	Lunch break	Lunch break	Lunch break	Lunch break
14h00 - 17h00	Projects session	Projects session	Free Time	Projects session	
17h00 - 18h00	Break	Break		Break	
18h00 - 19h00	Small talks	Small talks		Small talks	