

ActiveMatter Meeting in Lisbon, Portugal, 27-29 April 2022

27-Apr	28-Apr	29-Apr
08:45 Intro		
09:00 ESR 1-5 presentations (1)	09:00 Caroline Beck Adiels Roberto Cerbino Ivo Buttinoni Juliane Simmchen	09:00 Amin Doostmohammadi Joakim Stenhammar Carlo Manzo Jan Wehr
10:30 Break		
11:00 ESR 6-10 presentations (1)	11:00 Break 11:30 Effective Communication (3)	11:00 Outreach (Group Work)
12:30 Outreach Briefing	12:30 Lunch	12:30 Lunch
13:30 Lunch	14:00 Effective Communication (3)	14:00 Panel: Entrepreneurship (5)
15:00 ESR 11-15 presentations (1)	15:00 Break 15:30 Outreach (Group Work)	15:00 Outreach Presentations
16:30 Break		
17:00 Maria Guix Holger Stark Frank Cichos	18:00 Outreach Pre-Presentations	17:00 Excursion/Visit
18:30 Panel: Careers (4)	19:00 Free time	
19:30 Free time		
20:00 Dinner	20:00 Dinner	20:00 Dinner

(1) ESR presentations: 10 minutes each ESR. All five presentations are delivered in sequence. The panels consists of all the PIs and the invited speakers. Five panels are formed (one for each ESR) and each panels provides feedback to the respective ESR.

(2) Invited speaker presentations: 25+5 minutes each invited speaker.

(3) Effective communication: Laura Natali and David Bronte Ciriza

(4) Panel: Careers: Roberto Cerbino, Maria Guix, Margarida Telo da Gama, Amin Doostmohammadi, Frank Cichos

(5) Panel: Entrepreneurship: Antoni Homs Corbera, Benjamin Garlan, Rita Maçorano

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Invited Talks

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<p>17:00-17:30 Maria Guix Noguera How to become the fastest living robot: Self-train</p>	<p>09:00-09:30 Caroline Beck Adiels Intercellular communication induces glycolytic synchronization waves between individually oscillating cells</p>	<p>09:00-09:30 Amin Doostmohammadi Active Mechanotransduction in Cellular Collectives</p>
<p>17:30-18:00 Holger Stark Microswimmers moving in complex environments, with inertia, and with non-reciprocal torque interactions</p>	<p>09:30-10:00 Roberto Cerbino Cellular (un)jamming and its relevance for cancer</p>	<p>09:30-10:00 Joakim Stenhammar Collective (hydro)dynamics of bacterial suspensions</p>
<p>18:00-18:30 Frank Cichos Vortex states of active particles from retarded cohesive interactions</p>	<p>10:00-10:30 Ivo Buttinoni The effective force of synthetic microswimmers</p>	<p>10:00-10:30 Carlo Manzo An anomalous competition: assessment of methods for anomalous diffusion through a community effort</p>
	<p>10:30-11:00 Juliane Simmchen Combining microfluidics and microswimmers</p>	<p>10:30-11:00 Jan Wehr Emergent behavior in a system of light-sensitive robots with delayed or advanced environment sensing</p>