First Week

Mon, 6 Sep	Tue, 7 Sep	Wed, 8 Sep	Thu, 9 Sep	Fri, 10 Sep
Lecture (pre-recorded)	**Lecture** (pre-recorded) **Round Table**	**HW correction**	**Lecture** (pre-recorded) **HW correction** **Round Table**	**Lecture** (pre-recorded)
	10:00-11:00 AM ***Discussion:*** **Jan Wehr** *Aggregation and de-aggregation of interacting microswimmers* **HW is assigned to groups 3,4**	Students work in groups (HW)	**10:00-11:30 AM** **HW Presentation** *(Jan Wehr)* ***Discussion:*** **Denis Bartolo** Hydrodynamics of flocks **HW is assigned to groups 5,1**	**10:00-11:30 AM** ***Discussion:*** **Holger Stark** Low Re Hydrodynamics **HW is assigned to groups 2,3**
	Students work in groups (HW)	**12:30 PM** **gather.town CAFÉ (30 MIN)**	Students work in groups (HW)	**12:30 PM** **gather.town CAFÉ (30 MIN)**
1:00-2:00 PM **Opening event** all lecturers and students	**4:00-5:00 PM** **Round Table Discussion #1** ***Nuno Araújo*** ***Jan Wehr*** ***Denis Bartolo***	**2:30-3:30 PM** **HW Presentation** *(Nuno Araújo)*	**4:00-5:00 PM** **Round Table Discussion #2** ***Margarida Telo Da Gama*** ***Fernando Peruani*** ***Nicoletta Gnan*** ***Claudio Maggi***	Students work in groups (HW)
2:15-3:15 PM ***Discussion:*** **Nuno Araújo** Random motion: from Langevin to Fokker and Planck **HW is assigned to groups 1,2**				

Time: CEST

Second Week

Mon, 13 Sep	Tue, 14 Sep	Wed, 15 Sep	Thu, 16 Sep	Fri, 17 Sep
Lecture (pre-recorded) **HW correction** **Round Table**	**Lecture** (pre-recorded) **HW correction** **Soundbites + Poster Session**	**Lecture** (pre-recorded) **HW correction**	**Lecture** (pre-recorded) **HW correction** **Round Table**	**Lecture** (pre-recorded) **HW correction**
10:00-11:00 AM **HW Presentation** *(Denis Bartolo)*	**10:00-11:30 AM** **HW Presentation** *(Holger Stark)* ***Discussion:*** **Gareth Alexander** Liquid Crystals **HW is assigned to groups 4,5**	Students work in groups (HW)	**10:00-11:30 AM** **HW Presentation** *(Gareth Alexander)* ***Discussion:*** **Hartmut Löwen** (D)DFT - Dynamical Density Functional Theory **HW is assigned to groups 2,4**	**10:00-11:30 AM** **HW Presentation** *(Julia Yeomans)* ***Discussion:*** **Joakim Stenhammar** MIPS – Motility-induced phase separation **HW is assigned to groups 3,5**
12:30 PM **gather.town CAFÉ (30 MIN)**	Students work in groups (HW)	**12:30 PM** **gather.town CAFÉ (30 MIN)**	Students work in groups (HW)	**12:30 PM** **gather.town CAFÉ (30 MIN)**
3:00-3:45 PM ***Discussion:*** **Ignacio Pagonabarraga** Simple active models **HW is assigned to groups 1,2,3,4,5**	**3:00-5:00 PM** **Student presentations:** **Soundbites** **+** **Poster Session**	**3:30-5:00 PM** **HW Presentation** *(Ignacio Pagonabarraga)* ***Discussion:*** **Julia Yeomans** Active Nematics **HW is assigned to groups 1,3**	**4:00-5:00 PM** **Round Table Discussion #4** ***Hartmut Löwen*** ***Joakim Stenhammar*** ***Ramin Golestanian*** ***Holger Stark***	Students work in groups (HW)
4:00-5:00 PM **Round Table Discussion #3** ***Gareth Alexander*** ***Ignacio Pagonabarraga*** ***Julia Yeomans***				

Time: CEST

Third Week

Mon, 20 Sep	Tue, 21 Sep	Wed, 22 Sep	Thu, 23 Sep	Fri, 24 Sep
Lecture (pre-recorded) **HW correction** **Round Table**	**Lecture** (pre-recorded) **HW correction**	**Lecture** (pre-recorded) **HW correction**	**Lecture** (pre-recorded) **HW correction**	
10:00-11:30 AM **HW Presentation** *(Hartmut Löwen)* ***Discussion:*** **Felix Ritort** Non-equilibrium Physics **HW is assigned to groups 1,4**	**10:00-11:30 AM** **HW Presentation** *(Joakim Stenhammar)* ***Discussion:*** **François Nédélec** Activity in biology: from cells to tissues **HW is assigned to groups 2,5**	**10:00-11:30 AM** **HW Presentation** *(Felix Ritort)* ***Discussion:*** **Roberto Cerbino** Activity in biology: from cells to tissues **HW is assigned to groups 1,2,3**	**09:30-11:30 AM** **HW Presentation** *(09:30 - François Nedelec)* *(10:00 - Roberto Cerbino)* ***Discussion:*** **Kirsty Wan** Low Re Swimming **HW is assigned to groups 4,5** ***Discussion:*** **Bernhard Mehlig** Machine Learning for Active Matter	
12:30 PM **gather.town CAFÉ (30 MIN)**	Students work in groups (HW)	**12:30 PM** **gather.town CAFÉ (30 MIN)**		
4:00-5:00 PM **Round Table Discussion #5** ***Felix Ritort*** ***Roberto Cerbino*** ***Kirsty Wan*** ***Fabio Giavazzi*** ***Bernhard Mehlig*** ***François Nédélec***	**4:00-5:00 PM** ***Discussion:*** **Ramin Golestanian** Chemically active matter: active colloids, phoretic phenomena, active enzymes **HW is assigned to groups**	Students work in groups (HW)	**1:00-2:00 PM** **Students' outreach presentations** **CONCLUDING** **EVENT**	

Time: CEST