



WE-Heraeus Summer School 2020

ACTIVE MATTER AND COMPLEX MEDIA

September 1st–11th Cargese, Corsica Island (France)

Specific topics:

- Swimming and motility of micro-organisms
- Collective dynamics of micro-swimmers and active particles
- Cell crawling and collective cell migration
- Amoeboid swimming
- Active nematics
- Active particles in complex and crowded media



Organizers:

Alexander **Farutin** (France)
Cristina **Marchetti** (USA)
Chaouqi **Misbah** (France)
Philippe **Peyla** (France)
Salima **Rafal** (France)
Petia **Vlahovska** (USA)
Christian **Wagner** (Germany)
Walter **Zimmermann** (Germany)

Speakers:

Igor **Aronson** (USA)
Oliver **Bäumchen** (Germany)
Mark **Bowick** (USA)
Chase **Brodersz** (Germany)
Jasna **Brujic** (USA)
Cécile **Cottin-Bizonne** (France)
Michelle **Driscoll** (USA)
Peter **Friedl** (Netherlands)

Ramin **Golestanian** (Germany)
Rhoda **Hawkins** (UK)
William **Irvine** (USA)
Sabine **Klapp** (Germany)
Hartmut **Löwen** (Germany)
Sébastien **Michelin** (France)
Matthieu **Piel** (France)
Wilson **Poon** (UK)

David **Saintillan** (USA)
Michael **Shelley** (USA)
Alexey **Snezhko** (USA)
Thomas **Speck** (Germany)
Olivier **Theodoly** (France)
Orlin **Velev** (USA)
Raphael **Voituriez** (France)

