

Thematic Programme

“Linking Microscopic Processes to the Macroscopic Rheological Properties in Inert and Living Soft Materials”

Week 4 September 16 - 20, 2024

organized by

Roberto Cerbino (U of Vienna), Emanuela Del Gado (Georgetown U), Giuseppe Foffi (Paris-Saclay U)

• **Monday, September 16th, 2024**

11:00 – 11:30 **Giuseppe Foffi (Paris-Saclay U)**

From thermal to athermal systems: self-assembly and absorbing phase transitions

11:30 – 12:00 **Discussion**

12:00 – 13:00 **Lunch**

13:00 – 13:30 **Thomas Voigtmann (DLR, Köln)**

Dynamics of active particles at high densities

13:30 – 14:30 **Discussion**

• **Tuesday, September 17th, 2024**

11:00 – 12:00 **Emanuela Del Gado (Georgetown U)**

Rigidity and hierarchical organization in soft particulate networks

12:00 – 13:00 **Lunch**

13:00 – 14:30 **Discussion**

• **Wednesday, September 18th, 2024**

11:00 – 12:00 **Roberto Cerbino (U of Vienna)**

Exploring Cell Tissue Dynamics in Reciprocal Space: A Differential Dynamic Microscopy Approach

12:00 – 13:00 **Lunch**

13:00 – 14:30 **Discussion**

All talks take place at ESI Boltzmann Lecture Hall!