



# Table of contents

Monday 09 June 2025 .....	1
---------------------------	---

# Biological Physics and Statistical Mechanics: from molecules to cells and beyond

## Monday 09 June 2025

### Session 1 - Sala Caracciolo (14:15-18:05)

time	[id] title	presenter
14:15	[61] A simple model of a sequence-reading diffusion: non-self-averaging and self-averaging properties	Prof. MARINARI, Enzo
14:45	[62] Orientational Order in Biological Development – Superfluid Shrimp	Prof. BOWICK, Mark
15:15	[63] Daydreaming Hopfield Networks and their surprising effectiveness on correlated data	Prof. RICCI TERSENGHI, Federico
15:45	Coffee Break	
16:15	[87] Pulsating active systems: collective behavior, hydrodynamics and perspectives	Dr. MANACORDA, Alessandro
16:35	[88] Anomalous transport properties of an active tracer in a crowded environment	Dr. SARRACINO, Alessandro
16:55	[89] Single-molecule trajectories of reactants in chemically active condensates	Dr. BO, Stefano
17:15	[104] Mapping Single-Cell Division Fluctuations to Population Dynamics	Dr. CAUDO, Domenico
17:20	[105] Inferring Global Exponents in Subsampled Neural Systems	Dr. CONTE, Davide