

Physics and Engineering of Living Systems Days
CINaM, Salle Raymond Kern, Luminy Campus, Marseille

25/11/2024

09:30	WELCOME COFFEE (on site)
10:15	Emmanuèle HELFER - CINaM: Opening words
10:30	Zhangli PENG - UIC, Chicago: <i>Physical mechanisms of red blood cell splenic filtration</i>
11:00	Gladys MASSIERA - L2C, Montpellier: <i>Droplet encapsulation by liquid interface crossing</i>
11:30	Andrea PARMEGGIANI - L2C, Montpellier: <i>A Simplified Reaction-Diffusion Model Inspired by Bacterial Genome Dynamics for Active Particle Segregation</i>
12:00	LUNCH BREAK
14:00	Pierre MULLER - CINaM: Director's words
14:15	Olivia DU ROURE - PMMH, Paris: <i>Transport of flexible object in microfluidic channel</i>
14:45	Pierre NASSOY - LP2N, Bordeaux: <i>A 20-year long-distance relationship starting passionately around vesicles and ending wisely around cilia and a desire for valorization</i>
15:15	Laurence SALOME - IBPS, Toulouse: <i>Some stories of beads and polymers</i>
15:45	COFFEE BREAK (on site)
16:15	Emily GEHRELS - CINaM: <i>Tissue dynamics during embryonic development</i>
16:45	Manouk ABKARIAN - CBS, Montpellier: <i>When red blood cells tumble, swing and roll and even more!</i>
17:15	Carlos MARQUES - ICS, Strasbourg: <i>Why do electric fields open pores in biomembranes?</i>
17:45	Videos and personal words
18:45	END OF THE DAY

26/11/2024	
09:00	Patricia BASSEREAU - Institut Curie, Paris: <i>A biophysical view of cellular protrusions</i>
09:30	Etienne LOISEAU & Camille BOUTIN - CInaM & IBDM, Marseille: <i>Multiscale Organisation of Ciliary Beatings: From Molecular Assembly to Flow Generation</i>
10:00	Pierre-Henri PUECH - LAI, Marseille: <i>Some aspects of T cell mechanotransduction</i>
10:30	COFFEE BREAK (on site)
11:00	Abdul BARAKAT - LadHyX, Palaiseau: <i>Cellular responses to substrate topography: mechanisms and implications</i>
11:30	Bertrand FOURCADE - LIPhy, Grenoble: <i>A protein's journey to mono- and multiphosphorylation</i>
12:00	Anne CHARRIER - CInaM: Closing words: PIV and Annie
12:15	Annie VIALLAT: Words from Annie
12:30	Kheya SENGUPTA - CInaM: Final closing words
13:00	DEPARTURE