



09.00-10.20	First Session - Biological Mechanics and Viscoelasticity
09.00-09.05	Opening Words
09.05-09.20	Yulia FOK (DyNaMo) <i>Effects of microbial glycolipids on phospholipid membranes using Atomic Force Microscopy</i>
09.20-09.35	Yogesh SARAIVANAN (DyNaMo) <i>A semi automatized pipeline to measure the nano mechanics of complex samples</i>
09.35-09.50	Marina PLACCI (DyNaMo, Institute for Bioengineering of Catalonia) <i>Nanomechanics of Lysosomal storage disorders</i>
09.50-10.05	Marie DESSARD (CIML, LAI) <i>How cholesterol fine tune T cell early activation</i>
10.05-10.20	Alexandre ORTEGA (LMA, DyNaMo) <i>Development of acoustic techniques to measure the viscoelasticity of suspended cells</i>
10.20-10.45	Coffee break
10.45-12.10	Second Session - Navigating a Crowded World
10.45-11.00	Alice GROS (IBDM) <i>A quantitative pipeline for whole-mount deep imaging and multiscale analysis of gastruloids</i>
11.00-11.15	Florian LABOUREL (LCB) <i>Metabolism, nutrient preferences and the evolution of diversity</i>
11.15-11.30	Céline DINET (LCB) <i>Cell polarity control by an unconventional G-protein complex in bacteria</i>
11.30-11.45	Andrei KARPOV (AFMB, DyNaMo) <i>The nsP3 assembles into tubular structures essential for Chikungunya virus replication</i>
11.45-12.00	Andonis GERARDOS (CINaM) <i>PASTIS, a robust algorithm to select a minimal model for dynamical data</i>
12.00-12.10	Philippe ROUDOT <i>Hackathon Presentation</i>
12.10-13.30	Lunch buffet
13.30-15.00	Third Session - Group Leaders
13.30-14.00	Lionel CHRISTIAEN (University of Bregenz) <i>Cardiopharyngeal development in Ciona</i>
14.00-14.15	Emily GEHRELS (CINaM) <i>Mechanisms of robustness in embryonic development</i>
14.15-14.30	Stéphane BUGEON (Inmed) <i>Deciphering the function of neuronal types in the sensory cortex</i>
14.30-14.45	Loic LE GOFF (Fresnel) <i>Tissue replacement during Drosophila metamorphosis</i>
14.45-15.00	Closing Words
15.00-15.30	Coffee Break
15.30-17.00	Poster Session
17.00-19.00	Afterwork Session