

3<sup>rd</sup> course on **Multiscale Integration in Biological Systems**  
November 7-13, 2018



	Tuesday, November 6	Wednesday, November 7	Thursday, November 8	Friday, November 9	Nov 9 & 10	Monday, November 12	Tuesday, November 13	
	<b>Welcome meeting</b>	<b>Statistical physics</b> Chair AM: TBD Chair PM: TBD	<b>Inference</b> Chair AM: TBD Chair PM: TBD	<b>Dynamical systems</b> Chair AM: TBD Chair PM: TBD		<b>Collective effects</b> Chair AM: TBD Chair PM: TBD	<b>Evolution</b> Chair AM: TBD Chair PM: TBD	
9h00-10h30		<b>Anthony Hyman</b> (Max Planck Institute, Dresden - DE) "TBD" <b>KEYNOTE LECTURE</b>	<b>Erik Van Nimwegen</b> (Basel University, Basel - DE) "TBD"	<b>Stephan Grill</b> (Technische Universität, Dresden - DE) "Guiding self-organization during cell polarity establishment"		<b>Agnese Seminara</b> (Université Nice Sophia Antipolis, Nice - FR) "TBD"	<b>Alexandre Morozov</b> (Rutgers University, New Brunswick - USA) "Evolutionary dynamics through the prism of random walks on networks and landscapes"	<b>COURSES (THEORY)</b>
10h30-11h00		<b>Coffee break</b>	<b>Coffee break</b>	<b>Coffee break</b>	<b>Coffee break</b>	<b>Coffee break</b>		
11h00-12h30		<b>Andrew Mugler</b> (Purdue University, West Lafayette - USA) "TBD"	<b>William Bialek</b> (Princeton University, Princeton - USA) "Why do input/output relations look the way they do"	<b>Philippe Nghe</b> (ESPCI, Paris - FR) "TBD"		<b>Karen Alim</b> (Max Planck Institute, Göttingen - DE) "Fluid flows shaping morphology"	<b>Armita Nourmohammad</b> (Princeton University, Princeton - USA) "Statistical physics of molecular evolution"	
12h30-14h00		<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>		<b>Lunch</b>	<b>Lunch</b>	
14h00-15h00		<b>Pierre Sens</b> (Institut Curie, Paris - FR) "TBD"	<b>Barbara Treutlein</b> (Max Planck Institute, Leipzig - DE) "TBD"	<b>Barbara Di Ventura</b> (Heidelberg University, Heidelberg - DE) "TBD"		<b>Karine Guevorkian</b> (Institut Curie, Paris - FR) "TBD"	<b>Liedewij Laan</b> (Delft University of Technology, Delft - NL) "Evolutionary cell biophysics: lessons from the yeast polarity network"	<b>SEMINARS (APPLICATIONS IN BIOLOGY)</b>
15h00-15h15		<b>Coffee break</b>	<b>Coffee break</b>	<b>Coffee break</b>		<b>Coffee break</b>	<b>Coffee break</b>	
15h15-16h15		<b>Suliana Manley</b> (École Polytechnique Fédérale de Lausanne, Lausanne - CH) "TBD"	<b>Georges Debrégeas</b> (Université Pierre et Marie Curie, Paris - FR) "Probing sensorimotor computations in zebrafish using whole-brain functional imaging"	<b>Philippe Bousso</b> (Institut Pasteur, Paris - FR) "TBD"		<b>Huyn Youk</b> (Delft University of Technology, Delft - NL) "TBD"	<b>Olivier Tenaillon</b> (Université Paris Diderot, Paris - FR) "Unravelling the molecular bases of epistasis in bacteria"	
16h15-16h45		<b>flash posters</b>	<b>flash posters</b>	<b>student presentations (20' each)</b>	<b>BREAK</b>	<b>student presentations (20' each)</b>		<b>STUDENT PRESENTATIONS &amp; POSTERS</b>
16h45-17h00		<b>Break</b>	<b>Break</b>	<b>Break</b>		<b>Break</b>		
17h00-18h00		<b>student presentations (20' each)</b>		<b>student presentations (20' each)</b>		<b>student presentations (20' each)</b>		
18h00-19h00			<b>Posters</b>					
19h00 - 20h00	<b>Introduction &amp; Welcome</b> WOS Bar 184 rue Saint-Jacques 75005 Paris							
20h00-22h00		Dinner with speakers	Dinner with speakers	<b>Banquet</b> Chez Marie		Dinner with speakers	Dinner with speakers	

*Lectures: Amphi Curie / Coffee Breaks: Salle Joliot / Lunch: Green Café / Posters: Annexes 3 & 4 BDD*  
**All conferences are openend**