

## TRANSCRIBING THE GENOME IN 4-D - PSL Q-LIFE Winter School - February 18-23, 2019

	Monday 18/02	Tuesday 19/02	Wednesday 20/02	Thursday 21/02	Friday 22/02	Saturday 23/02	
		<i>Coffee</i>	<i>Coffee</i>	<i>Coffee</i>	<i>Coffee</i>		
09:00		<b>LEILA PERIE</b> <i>Family matters: the role of single cell families in hematopoiesis</i>	<b>THOMAS HÖFER</b> <i>Transcriptional bursting and gene regulation</i>	<b>DENIS THIEFFRY &amp; HERVÉ ISAMBERT</b> <i>Inference and dynamical modelling of gene networks</i>	<b>JEAN-BAPTISTE MASSON</b> <i>Mixing Physics and Bayesian inference to probe biomolecule dynamics in situ - Room 513</i>		
10:15		<i>Coffee break</i>	<i>Coffee break</i>	<i>Coffee break</i>	<i>Coffee break</i>	<b>ANA POMBO</b> <i>Mapping the genome in 3D</i>	10:00
10:45		<b>CHRISTOPHE ZIMMER</b> <i>Imaging and modeling approaches for chromosome architecture</i>	<b>MARCELLO NOLLMANN</b> <i>FISHomics: multiplexed imaging enables visualization of 3D chromatin folding and transcription in single cells</i>	<b>IVAN JUNIER</b> <i>Functional insight into the hierarchical structuring of bacterial chromosomes</i>	<b>THOMAS GREGOR</b> <i>Information flow in genetic networks: from transcription factors to enhancer-promoter pairing - Room 513</i>	<i>Coffee break</i>	11:00
12:00		<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>	<b>M2 EVALUATION AND DISCUSSION</b> <i>Salle Favard</i>	11:45
12:30	<i>Lunch</i>					<i>Lunch</i>	12:30
13:30							
14:00	<b>PATRICK CHARNAY</b> <i>General introduction</i> <b>TERENCE STRICK</b> <i>Introduction to the school</i>	<b>WORKSHOPS</b> Single cell transcriptomics <i>Room 503</i>	<b>WORKSHOPS</b> Single cell transcriptomics <i>Room 503</i>	<b>WORKSHOPS</b> Genetic networks : inference and dynamical modelling <i>Room 503</i>	<b>WORKSHOPS</b> Genetic networks : inference and dynamical modelling <i>Room 503</i>		
15:00	STUDENTS PRESENTATION <i>Salle Favard</i>	Single molecule trajectories <i>Room 505</i>	Single molecule trajectories <i>Room 505</i>	Chromosome organisation in 4-D <i>Room 505</i>	Chromosome organisation in 4-D <i>Room 505</i>		
	<i>Coffee break</i>						
16:30	<b>LEONID MIRNY</b> <i>Two mechanisms of chromosome organization</i>	<i>Coffee break</i>		<i>Coffee break</i>			
17:45	STUDENTS PRESENTATION <i>Salle Favard</i>	17:15 <b>MARIA PIA COSMA</b> <i>Dissecting the nanoscale structure of chromatin fibres in somatic and stem cells</i>		17:15 <b>EILEEN FURLONG</b> <i>Genome regulation during developmental transitions</i>			
19:00	WELCOME COCKTAIL <i>Salle 514</i>			COCKTAIL <i>Salle 514</i>			
20:00		DINNER <i>Restaurant Terra Nova</i>					

All the conferences in Salle Favard (except Friday, in room 513)