

# Q-Life

# Quantitative Biology Winter School Series

## TRANSCRIBING THE GENOME IN 4-D

FEBRUARY 18<sup>TH</sup>-23<sup>TH</sup>, 2018 - PARIS, FRANCE

### LECTURERS & INSTRUCTORS

Maria Pia Cosma, Barcelona  
Eileen Furlong, Heidelberg  
Thomas Gregor, Paris  
Thomas Höfer, Heidelberg  
Hervé Isambert, Paris  
Ivan Junier, Grenoble  
Leonid Mirsky, Boston  
Leila Périé, Paris  
Anna Pombo, Berlin  
Terence Strick, Paris  
Denis Thieffry, Paris  
Christophe Zimmer, Paris  
TBA  
TBA  
TBA

### ORGANIZERS

Patrick Charnay, Paris  
Thomas Gregor, Paris  
Terence Strick, Paris  
Denis Thieffry, Paris

PSL University and its Q-Life program in quantitative biology organize its first winter school around the related themes of transcription and nuclear architecture. The workshop will cover the latest advances in single-cell transcriptomics and single-molecule approaches, as well as dynamical modelling of gene networks and chromosome organisation. In addition to lectures from a broad range of expert speakers, participants will be introduced to the know-how through performing digital simulation work.

Common lunches and dinners with the speakers and instructors will foster informal discussions.

The school is designed for Master 2 and PhD students, as well as postdocs and junior scientists with biology, physics, computer science or mathematics backgrounds.

Basic experience in file manipulation under Unix/Linux and in Python or R programming is required.

Additional information is available on [www.xxxx](http://www.xxxx)

**APPLICATION DEADLINE DECEMBER 14<sup>TH</sup>, 2018**

**REGISTRATION FEE: 150€\***

- Register through the following link: [www.xxxxx](http://www.xxxxx)
- See Flashcode beside.
- Provide a CV, a motivation letter (including justification for travel grant when requested) and a supporting letter from a supervisor to [qlife@psl.eu](mailto:qlife@psl.eu) with "Q-Life winter school 2019" as object.

\* It covers food and lodging from Monday 18<sup>th</sup> in the morning to Saturday 23<sup>th</sup> in the afternoon. Some travel grants will be available.

