

# Q-Life

# Quantitative Biology Winter School Series

## TRANSCRIBING THE GENOME IN 4-D

FEBRUARY 18<sup>TH</sup>-23<sup>RD</sup>, 2019 - PARIS, FRANCE

### LECTURERS & INSTRUCTORS

Maria Pia Cosma, Barcelona  
Eileen Furlong, Heidelberg  
Thomas Gregor, Paris  
Thomas Höfer, Heidelberg  
Hervé Isambert, Paris  
Ivan Junier, Grenoble  
Jean-Baptiste Masson, Paris  
Leonid Mirny, Boston  
Leïla Perié, Paris  
Marcelo Nollmann, Montpellier  
Ana Pombo, Berlin  
Terence Strick, Paris  
Denis Thieffry, Paris  
Christophe Zimmer, Paris

### 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 experts, 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, engineers and junior scientists with backgrounds in biology, physics, computer science or mathematics.

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

Additional information is available on:

<https://www.enseignement.biologie.ens.fr/spip.php?article205>

(see QR code below)

**APPLICATION DEADLINE DECEMBER 13<sup>TH</sup>, 2018**

**REGISTRATION FEES: 150 €\***

- Register through the following link: <http://k6.re/Gd7G5>
- In addition, 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.

\* Fees cover food and lodging from Monday morning to Saturday afternoon. Some travel grants will be available.

