

presentation of the

COMPUTATIONAL BIOLOGY CENTER OF IBENS

January 24th 2019
9:00 - 12:00
Salle Favard
46, rue d'Ulm 75005 Paris

What is it about?

The aim of this colloquium is to present a brief, one shot overview of all the research being performed in computational biology at the Biology department of the ENS Ulm Campus, aka at the Computational Biology Center of IBENS.

Who should attend?

It is opened to everyone and will be of particular interest to students at any level, post doc and scientists, in biology, computer science, applied mathematic and biophysic. 15 min + 5 min questions will be devoted to each of the 6 research teams of the center along with a brief overview of onsite related platforms.



CBC
website

<https://www.ibens.ens.fr/spip.php?mot43>

Program

- 09:00 - 09:10 **Opening session - Introduction**
- 09:10 - 09:30 Modeling Biodiversity
H. Morlon
- 09:30 - 09:50 Eco-Evolutionary Mathematics
S. De Monte & R. Ferriere
- 09:50 - 10:10 Computational Bioimaging & Deep learning
A. Genovesio
- 10:10 - 10:30 Platforms (Genomic, IT, Bioinformatics)
- 10:30 - 10:50 **Coffee break**
- 10:50 - 11:10 Genome Organization and Dynamics
H. Roest Crolius
- 11:10 - 11:30 Computational systems biology
D. Thieffry & M. Thomas-Chollier
- 11:30 - 11:50 Applied Mathematics and Computational biology
D. Holcman
- 11:50 - 12:00 **Concluding remarks**

