



The 4D genome

Olga K. Dudko

On the Border of Order:
Chromosomal Organization in
Space and Time

SeM^oVi

Séminaire de Modélisation du Vivant
en Région Rhône Alpes

Un séminaire **BIOSYL** 

Lothar Schermelleh

Functional chromatin organisation in
mammalian cells - lessons from 3D
super-resolution imaging

Tuesday, the 15th of October 2019
ENS de Lyon, Site Monod
Amphi SVT

Yad Ghavi-Helm (IGFL)

Highly rearranged chromosomes reveal
uncoupling between genome topology and gene
expression

Patrick Lomonte (INMG)

Genomes nuclear positioning to control
transcriptional activity of herpes simplex virus 1.
The role of promyelocytic leukemia nuclear
bodies

Sam Meyer (MAP)

Genome architecture shapes ancestral
transcriptional regulation by DNA supercoiling

Cyril Bourgeois (LBMC)

Role of RNA helicases DDX5/17 in the
connection between local 3D gene
organization, alternative splicing and
transcription termination.

Alexandre Laverré (LBBE)

Using Promoter Capture Hi-C data to
understand evolution of expression regulatory
landscapes in vertebrates

Jean-Michel Arbona (LBMC)

Modeling of spatio-temporal replication
program

Plus d'infos sur :
<http://www.biosyl.org/news/semovi>