

Genome functions in space and time



Antoine Coulon



Vittore Scolari

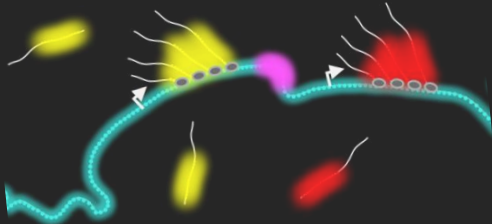


Kyra Borgman

- + Axis 1: Controlling and programming biological living matter.
- +++ Axis 2: Emergence of spatial and temporal organization in living matter.
- ++ Axis 3: Information processing and dynamics of biological active matter.
- Axis 4: Driving evolution within living systems.

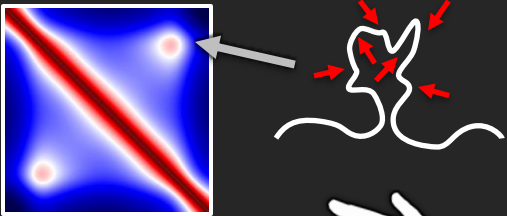
Team expertise

Genome & transcriptome imaging

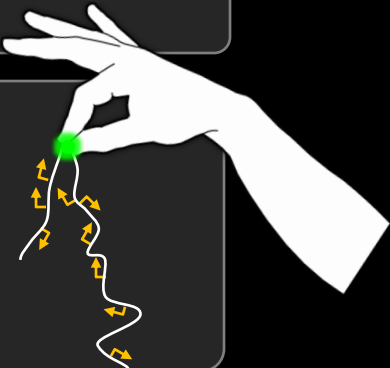


Magnetism
Microfabrication
Biochemistry
Molecular & cell biology
Microscopy
Image/data analysis
Polymer theory
Bioinformatics
Oligopaint FISH
Spatial transcriptomics

Polymer modeling



In cellulo mechanical manipulation of chromosomes



Studying the genome at the physics-biology interface

