

# Genome functions in space and time



Antoine Coulon



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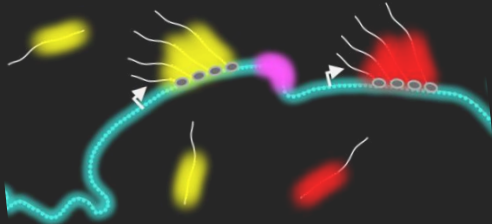


Kyra Borgman

- + 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.

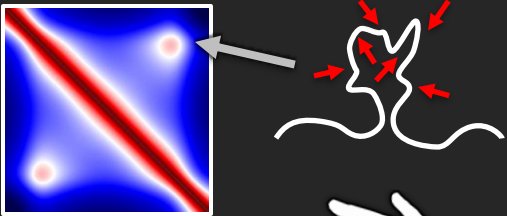
## Team expertise

### Genome & transcriptome imaging

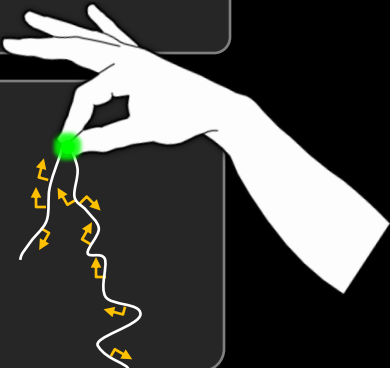


Magnetism  
Microfabrication  
Biochemistry  
Molecular & cell biology  
Microscopy  
Image/data analysis  
Polymer theory  
Bioinformatics  
Oligopaint FISH  
Spatial transcriptomics

### Polymer modeling



### In cellulo mechanical manipulation of chromosomes



## Studying the genome at the physics-biology interface

