



## Sixième réunion du GdR ADN



30 - 31 mars 2017

### jeudi 30 mars

**13:00-14:00 Accueil (buffet)**

14:00-14:30 **Ruggero Cortini:** Nuclear organization and search strategies

14:30-15:00 **Ofir Shukron:** Polymer model for reconstructing chromatin and generating SPTs

15:00-15:30 **Daan Noordermeer:** CTCF mediates allele-specific sub-TAD organization at paternally imprinted gene loci

15:30-16:00 **Judith Lopes:** TALEs fused to chromatin modifiers for epigenetic engineering at satellite DNA repeats in mouse and human centromeric regions

16:00-16:45 pause café

16:45-17:15 **Jean-Charles Walter:** Surfing on protein waves: proteophoresis as a mechanism for bacterial genome partitioning

17:15-17:45 **John Marko:** Chromatin mechanics and organization in metaphase chromosomes and interphase nuclei

**20:00 dîner convivial**

### vendredi 31 mars

**09:00-09:30 Accueil**

09:30-10:00 **Nicolas Destainville:** How pinching a DNA plectoneme facilitates the interaction between distant genes

10:00-10:30 **Judith Miné-Hattab:** Imaging DNA repair at the single molecule level

10:30-11:00 **Karine Dubrana:** The cohesin complex is required to maintain chromosome integrity at DSB sites

11:00-11:45 pause café

11:45-12:15 **Vittore Scolari:** Out of equilibrium dynamics of a cross-linking polymer: chromatin as a case study

12:15-12:45 **Surya Ghosh:** Making efficient coarse-grain models for long polymers: application to chromatin folding

12:45-13:00 **Conclusion**

**13:00-14:00 déjeuner (buffet)**