



Sixième réunion du GdR ADN

30 - 31 mars 2017



jeudi 30 mars

13:00-14:00 Accueil (buffet)

14:00-14:15 Introduction

14:15-14:45 **Ofir Shukron**: Polymer model for reconstructing chromatin and generating SPTs

14:45-15:15 **Daan Noordermeer**: CTCF mediates allele-specific sub-TAD organization at paternally imprinted gene loci

15:15-15:45 **Judith Lopes**: TALEs fused to chromatin modifiers for epigenetic engineering at satellite DNA repeats in mouse and human centromeric regions

15:45-16:30 pause café

16:30-17:00 **Jean-Charles Walter**: Surfing on protein waves: proteophoresis as a mechanism for bacterial genome partitioning

17:00-17:30 **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

11:00-11:30 pause café

11:30-12:00 **Vittore Scolari**: Out of equilibrium dynamics of a cross-linking polymer: chromatin as a case study

12:00-12:30 **Surya Ghosh**: Making efficient coarse-grain models for long polymers: application to chromatin folding

12:30-12:45 Conclusion

12:45-13:30 **déjeuner (buffet)**