



UNIVERSITY  
OF WARSAW

CeNT CENTRE  
OF NEW  
TECHNOLOGIES

invites to a seminar by

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## ***Looking at chromosomal contacts at different scales***

**17th of May 2018 at 12 p.m.**

**Venue:** Centre of New Technologies, Banacha 2C,  
Lecture Hall 0142 (Ground floor)

**Host:** Joanna Sułkowska

Chromosomes in eukaryotic nucleus are tightly packed into highly non-random conformations that facilitate gene expression regulation by coordinated enhancer-promoter contacts and maintenance of active and inactive compartment maintenance. However, due to technical constraints we are unable to observe these contacts directly on a genome wide-scale. We are interested in development of computational methods for analysis of Chromosome Conformation Capture experimental data that allow us to look at chromosomal contacts and correlate these with gene expression changes dynamics.