PROGRAMME

November 29th, 2016

Welcome address

9:30 AM - 12:50 AM SESSION 1 BUILDING THE LIMITS: COMMUNICATION, PLASTICITY, EVOLUTION

9:30 – 10:00 AM  Brian Burke, Singapore: (TBA)
10:00 – 10:30 AM  Mike Rout, New York, USA: Structure and Mechanism of the Nuclear Pore Complex
10:30 – 11:00 AM  Catherine Dargemont, Paris, France: Plasticity of the Nuclear Pore Complex: consequences on gene expression and genome integrity
11:00 – 11:30 AM  Coffee Break
11:30 – 12:00 AM  Mark Field, Dundee, UK: (TBA)
12:00 – 12:20 AM  Yann Blanchi, Paris, France: Plant signaling as a model for adaptative architecture
12:20 – 12:50 AM  Susan Gasser, Basel, Switzerland: (TBA)

1:00 – 2:30 PM  Free Time

2:30 AM - 5:30 PM SESSION 2 SPACE-TIME ORGANIZATION FOR OPTIMAL USE OF INFORMATION

2:30 – 3:00 PM  Bas van Steensel, Amsterdam, The Netherlands: Finding principles of chromosome architecture by genome deconstruction
3:00 – 3:30 PM  Nancy Kleckner, Boston, USA: Chromosome Compaction/Expansion (Stress) Cycles
3:30 – 3:50 PM  Patrice Ceccarini, Paris, France: Genetic and architectural morphogenesis
3:50 – 4:30 PM  Coffee Break
November 29th-30th, 2016
ENSA Paris-val de seine

4:30 – 5:00 PM  Maria Elena Torres Padilla, Strasbourg, France: Shaping plasticity during early mammalian development
5:00 – 5:30 PM  Édith Heard, Paris, France: Nuclear dynamics during X Chromosome Inactivation

5:30 – 7:00 PM  Speed dating with drinks

November 30th, 2016

9:00 AM - 1:00 PM  SESSION 3  DECIPHERING, REPRESENTING AND MODELING DYNAMIC ARCHITECTURE

9:00 – 9:30 AM  Chris Lima, New York, USA: Ubiquitin-like proteins in the nucleus: From conjugation to recognition
9:30 – 10:00 AM  Giacomo Cavalli, Montpellier, France: Polycomb proteins and 3D architecture in genome regulation and epigenetic inheritance
10:00 – 10:30 AM  Christophe Zimmer, Paris, France: Deeper views of the nucleus by imaging and modeling
10:30 – 10:50 AM  Élizabeth Mortamais, Paris, France: Genesis and design: some uses of concepts as genesis epigenesis, phylogenesis, in the understanding and mechanisms of design in Architecture
10:50 – 11:20 AM  Coffee Break
11:20 – 11:40 AM  Pascal Terracol, Paris, France: Structure ontologies and morphology schemes in architecture
11:40 – 12:10 AM  Kerstin Bystricky, Toulouse, France: Chromatin dynamics during transcription activation in living cells
12:10 – 12:40 AM  Leonid Mirny, Boston, USA: Physical principles of genome (re)organization
12:40 – 1:00 PM  Concluding remarks

1:00 PM  End of the meeting

Inscription: http://cellnucleus.sciencesconf.org