

Kavli Institute for Theoretical Physics

SOFT MATTER PHYSICS APPROACHES TO BIOLOGY

Organizers: *Alexander Y. Grosberg, Katharina Ribbeck, Michael Rubinstein*

May 23 - 27, 2011

PHYSICS OF CHROMATIN

Session Chairs: *Robijn Bruinsma (UCLA)*
& *Garegin Papoian (Maryland)*
Job Dekker (UMass Medical Center)
Gijs Wuite (Amsterdam)
Christophe Zimmer (Institute Pasteur, Paris)
Kerry Bloom (UNC Chapel Hill)
Erez Lieberman-Aiden (Harvard)
David Bensimon (INS Paris and UCLA)
Helmut Schiessel (Leiden)
Ralf Everaers (Lyon)

DNA

Session Chairs: *Alexey Kornyshev (Imperial College, London)* & *Erwin Frey (Ludwig-Maximilians-Universität, München)*
Mark Williams (Northeastern)
Serge Lemay (Twente)
Alexander Vologodskii (NYU)
Taniemola Liverpool (Bristol)
Jonathan Widom (Northwestern)
Ned Seeman (NYU)

PHYSICS OF VIRUSES

Session Chair: *Philip Pincus (UCSB)*
William Gelbart, Charles Knobler (UCLA)
Michael Hagan (Brandeis)
Francoisa Livolant (ENS Paris)
Rob Phillips (Caltech)

CYTOSKELETON AND CELL ACTIVITY

Session Chairs: *Katharina Ribbeck (MIT)*
& *Fred MacKintosh (Vrije Univ., Amsterdam)*
Samuel Safran (Weizmann)
Jenifer Curtis (Georgia Tech)
Mark Bathe (MIT)
Christoph Schmidt (Göttingen)
Krystyn Van Vliet (MIT)
Paul Janmey (UPenn)
Ido Golding (Baylor College)
Denis Wirtz (Johns Hopkins)

FROM COLLECTIVE MOTION OF CELLS TO CONTINUOUS MECHANICS OF TISSUES

Session Chairs: *Andrey Dobrynin (Connecticut)*
David Weitz (Harvard)
Frank Jülicher (MPI Dresden)
L. Mahadevan (Harvard)
Alexei Koulakov (Cold Spring Harbor)

PHYSICS ASPECTS OF EVOLUTION

Session Chair: *Boris Shraiman (KITP)*
Edo Kussel (NYU)
Tom McLeish (Durham)
Paul Chaikin (NYU)
Eugene Shakhnovich (Harvard)



<http://www.kitp.ucsb.edu/activities/dbdetails?acro=biopoly-c11>

