

CPLC MEMBERS



Yann Chemla

*Study of Mechanical Processes in Biology
using Optical Tweezers and Fluorescence*



Alek Aksimentiev

*Theoretical & Computational Biological
Physics
DNA-protein systems, Molecular Motors,
Transmembrane transport, Biosensors*



Karin Dahmen

*Soft Condensed Matter Physics
Nonequilibrium Dynamical Systems
Population Biology*



Nigel Goldenfeld

*Ecology and Evolution
Multi-Scale Pattern Formation
Collective Properties of Matter*



Ido Golding

*Decision making in living cells
using Simple Model Systems*



Martin Gruebele

*Protein and RNA Folding, Macro-
Molecular Dynamics in Living Cells,
Behavioral Dynamics*



Taekjip Ha

*Single-Molecule Techniques
Molecules in Genome Maintenance
Molecular Cell Mechanics*



Seppe Kuehn

*Quantitative Measurements of Ecological
and Evolutionary Dynamics*



Klaus Schulten

*Theoretical and Computational Biophysics
Molecular Dynamics and Modeling*



Tom Kuhlman

*Gene regulation and Evolution of Genome
Organization
Microfluidics and Quantitative Imaging*



Sua Myong

*Single-Molecule Fluorescence Detection of
Protein-Nucleic acid Interactions*



Zaida Luthey-Schulten

*Energy Landscapes of Biological Molecules
Exploring the Evolution of Structure
Function/Folding*



Paul Selvin

*Single-Molecule Fluorescence Methods to study
Molecular Motors, Ion Channels, Nerves and
Memory.*



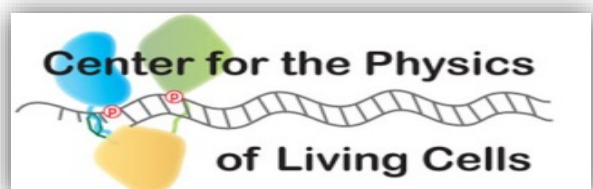
Stephen Sligar

*Biological Oxidation, Nanoscale systems
for Human Therapeutics, Cell Migration*



Jun Song

*Integrative Genomics and Epigenomics
of Eukaryotic Gene Regulation*



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