2021 Multiscale Genome Organization Symposium
Monday, February 22, 2021
10:00 AM – 2:00 PM USA Eastern (held virtually)

Subgroup Co-Chairs: Tom C. Bishop, Louisiana Tech University, USA, and Tamar Schlick, New York University, USA

10:05 AM - Catherine Musselman, Colorado University - Anschutz, USA
Chromatin Signaling: The Importance of Histone Tail Conformation

10:30 AM - Garegin Papoian, University of Maryland, USA
Nucleosomal Physics from Electrostatics to Elasticity

10:55 AM - Lars Nordenskiöld, Nanyang Technical University, Singapore
Structure and Dynamics of Telomeric Chromatin

11:20 AM - Helmut Schiessel, Technical University Dresden, Germany
Demultiplexing Information Written Along DNA Molecules

11:45 AM - Hitoshi Kurumizaka, University of Tokyo, Japan
Nucleosome Contribution to Epigenetic Genome Regulation

12:10 PM - Yamini Dalal, National Cancer Institute, NIH, USA
Bungee Jumping into Fragile Sites in the Human Cancer Genome: Mapping Nanoelasticity of Variant Chromatin Structure

12:35 PM - Michele Di Pierro, Northeastern University, USA
Across Space and Along Polymers: Epigenetics’ Conflicting Means of Shaping Chromosomes

1:00 PM - Andrzej Stasiak, University of Lausanne, Switzerland
Topological Analysis of Chromosomal Tracings, Obtained by Serial Fluorescent in situ Hybridization Method, Suggests that Human Chromosomes are Unknotted