

Biophysical Society 66th Annual Meeting
Multiscale Genome Organization Subgroup Symposium
Saturday February 19, 2022
San Francisco, California

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

Symposium Chair: Jeff Wereszczynski, Illinois Institute of Technology, USA

Symposium Time: 1:30 PM - 5:30 PM PST

Symposium Room: Moscone South 212/213/214

Subgroup Business Meeting: 5:00 PM

1:40 PM Seychelle Vos, Massachusetts Institute of Technology

Defining How Local Chromatin Context and Global Genome Architecture Regulate Gene Expression

2:00 PM Serena Sanulli, Stanford University

Heterochromatin Dynamics Across Scales

2:20 PM Cheryl Arrowsmith, University of Toronto, Canada

Structural Genomics meets Chemical Biology: Toward Pharmacological Modulators for the Epigenome and the Entire Proteome

2:40 PM Michael Poirier, Ohio State University

Strategies Transcription Factors Use to Efficiently Invade Nucleosomes

3:20 PM Bin Zhang, Massachusetts Institute of Technology

Folding Intermediates as a Model for in vivo Chromatin Organization

3:40 PM Dustin C. Woods Illinois Institute of Technology

The Influence of Linker Histones on Chromatin Dynamics and Energetics

4:00 PM Alexey Onufriev, Virginia Tech

Looking for Structure-Function Connections in Chromatin on Several Length Scales

4:20 PM Tom Bishop, Louisiana Tech

Informatics Guided All-Atom and Coarse-Grained Modeling of Nucleosome-Receptor Complexes

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