

Biophysical Society 66th Annual Meeting

Bioengineering Subgroup Symposium

Saturday February 19, 2022

San Francisco, California

Subgroup Chair: Michael Sacks, University of Texas, Austin

Program Chair: Guy Genin, Washington University in St. Louis

Symposium Time: 8:30 AM - 12:15 PM PST

Subgroup Business Meeting: 12:05 PM

Symposium Room: Moscone South 301/302

8:30 AM Opening Remarks, Grad Student & Postdoc Talks

9:30 AM Patrick McGarry, National University of Ireland - Galway

On the Thermodynamics of Cell Contractility and Spreading in 2D and 3D Environments

10:00 AM Vivek Shenoy, University of Pennsylvania, USA

Regulation of Chromatin Organization by Chemo-Mechanical Cues from the Cell Microenvironment

11:00 AM Paul Janmey, University of Pennsylvania, USA

Building a Tissue: Mechanical Response Arises from Integrating Cells with Fibrous Networks

11:30 AM Michael Sacks University of Texas, Austin, USA

12:05 PM Subgroup Business Meeting