

A conference in Honor of Mark O. Robbins

Bloomberg Center for Physics and Astronomy
Johns Hopkins University

Oct 2, 2022

9:00am Coffee
9:30am Robert Leheny Welcome

Mark's contributions to Science

9:45am Gary S. Grest Polymer Physics
Andrea J. Liu Nonequilibrium Statistical Physics
Lars Pastewka Tribology and Contact Mechanics

11:15am Brunch

Science inspired by Mark

12:45pm Kurt Kremer Playing with Entanglements in Polymer Melts
Mark Stevens Bringing like-charged polymers together
Robert Hoy Unexpected ductility in semiflexible polymer glasses
Thomas O'Connor The Rheology of Rare Events in self-assembling Polymer Networks

2:45pm Coffee

3:15pm Colin Denniston Curing an epoxy resin in an all-atom simulation
Shengfeng Cheng Drying of Soft Matter Solutions
Vikram Jadhao Probing rheology of liquids at high shear rates using nonequilibrium simulations and machine learning
Binqun Luan Ubiquitous Nanoscale Phenomena of "Stick-Slip"

5:15pm End