Schedule of Events

- Morning – 3:45pm: Informal science activities
- 3:45pm – 5:45pm, Washburn Room: DNA Origami assembly
  - 3:45pm - Gregory Grason: Geometrically-Frustrated Assembly
  - 4:15pm - W. Benjamin Rogers: Using DNA to program colloidal self-assembly
  - 4:45pm - Christian Sigl, TUM, Munich (Dietz): DNA-based Viral Capsid Mimics
  - 5:15pm - Stefan Paquay (Hagan): Coarse-grained simulations of self-assembling DNA origami subunits
- 6:00pm – 7:00pm: Dinner
- 7:30pm – 7:45pm, Washburn Room: Group Photo
- 7:45pm – 10:00pm, Washburn Room: Poster Session
  - Ian Hunter (Fraden): Designing synchronous patterns
  - Caleb Wagner (Baskaran): Response of an active gas to shearing
  - Farzaneh Mohajerani (Hagan): What controls size of Bacterial Microcompartments
  - Yi Fan (Breuer): The loss of isotropy due to confinement in kinesin-driven active fluids
  - Joanna Robaszewski (Dogic): Self-assembly of Filamentous Viruses into Giant Vesicles
  - Chaitanya Joshi (Hagan/Baskaran): Theory of Raft Interactions in Ternary Colloidal Membranes
  - Daniel Goldstein (Chakraborty): Active Plasticity
  - Daniel Beller (Powers): Defect loops in 3D active nematics: Dynamics and shifting winding character
  - Leila Farhadi (Ross): Active alignment of driven copolymer systems
Schedule of Events

- Morning – 3:45pm: Informal science activities
- 3:45pm – 5:45pm, Washburn Room: **Membranes**
  - 3:45pm - Sarah Zuraw-Weston (Dinsmore): *Particle Induced Membrane Deformations; From Soft Solids to Liposome Disruption, using Nano-Spheres, Rods and More!*
  - 4:15pm - Michael Hagan: *Budding of proteins and colloids driven by, or impeded by, membrane-mediated interactions*
  - 4:45pm - Joia Miller (Dogic): *Tetramers to horseshoes: chirality and phase separation in colloidal membranes*
  - 5:15pm - Mahsa Siavashpouri (Dogic): *Molecular engineering of colloidal liquid crystals using DNA origami and Filamentous viruses*
- 6:00pm – 7:00pm: Dinner
- 8:00pm – 12:00 am: Bar at Bretton Woods
Schedule of Events

- Morning – 3:45pm: Informal science activities

- 3:45pm – 5:45 pm, Washburn Room: Active Matter
  
  3:45pm - Julian Eskin (Goode): Imaging advances toward understanding actin cable length control
  4:15pm - Bezia Laderman (Dogic): Structure and Dynamics of Polarity Sorting Filamentary Systems
  4:45pm - Michael Norton (Fraden): Hydrodynamics of active topological defects near boundaries in nematic suspensions
  5:15pm - Linnea Metcalf (Dogic): Extensive Dynamics in 2D Active Nematics

- 6:00pm – 7:00pm: Dinner

- 7:30pm – 10:00 pm, Washburn Room: Poster Session (featuring live music)
  
  Ali Aghvami (Fraden): Counter-Diffusion Microfluidic Chip for Protein Crystallization
  Simon Merminod (Rogers): Characterizing DNA-mediated interactions between colloidal particles and fluid membranes
  Janna Lowensohn (Rogers): Linker binding of DNA-coated colloids
  John Berezney (Dogic / Fraden): Scale-dependent stiffness and internal tension of a model brush polymer
  Andrew Balchunas (Dogic): Tunable Gaussian Curvature Directs Catenoid Formation from 2D Colloidal Membranes
  Guillaume Duclos (Dogic): Active 3d nematic liquid crystal
  Pooja Chandrakar (Dogic): Effect of motor proteins on active gel dynamics
  Minu Varghese (Baskaran): Macroscopic flows in incipient active nematics
  Hyunki Kim (Hayward / Emrick): Light-induced wrinkling and assembly of hydrogel nanocomposite at air/water interface