t	2/16	2/17	2/18	2/19	2/20
8:30 AM					
8:45 AM					
9:00 AM					
9:15 AM	Breakfast	Breakfast	Breakfast	Breakfast	Breakfast
9:30 AM					
9:45 AM	**Invited Speaker Talk**: Petr Sulc (ASU): Welcome talk & introduction to the oxDNA ecosystem	**Invited Speaker Talk**: Oliver Henrich* (University of Strathclyde): oxDNA3 – Introducing Sequence-Specific Curvature and Elasticity into a Coarse-Grained DNA Model	**Invited Speaker Talk**: Tom Ouldridge* (Imperial College London)		
10:00 AM					
10:15 AM					
10:30 AM	**Invited Speaker Talk**: Shawn Douglas (UC San Francisco): Decoupling Design from Fabrication: Preparing for Complexity We Can't Yet Imagine	**Invited Speaker Talk**: Vladimira Petrakova (Heyrovsky Institute): Plasmon-driven Tuning of Nanodiamond Emission using DNA Origami			
10:45 AM			**Keynote**: Aleksei Aksimentiev (University of Illinois Urbana-Champaign): Multi-resolution simulations of self-assembled DNA systems		
11:00 AM					
11:15 AM	**Invited Speaker Talk**: Carlos Castro (Ohio State University): Simulation guided design of nanomechanical DNA devices and assemblies	**Invited Speaker Talk**: Zev Bryant (Stanford): Dynamics and mechanics of nucleic acids and nucleoprotein machines	**Talk: Ryan Krueger*** (Harvard): Differentiable Programming for Sensitivity Analysis and Design in Molecular Simulations		
11:30 AM					
11:45 AM				Hackathon	Hackathon
12:00 PM					
12:15 PM	Lunch	Lunch	Lunch		
12:30 PM					
12:45 PM	**Invited Speaker Talk**: Gaurav Arya* (Duke): Modeling the folding mechanism, surface-placement, and higher-order assembly of DNA origami structures	**Invited Speaker Talk**: Cameron Glasscock (Rice): Computational design of nucleic acids and protein-nucleic acid interactions	**Invited Speaker Talk**: Flavio Romano (Ca Foscari University)	Lunch	Lunch
1:00 PM					
1:15 PM					
1:30 PM		**Invited Speaker Talk**: David Doty (UC Davis): Subdomains and dependent domains in DNA sequence design			
1:45 PM	**Invited Speaker Talk**: Greg Tikhomirov (UC Berkeley): Programming Addressable Origami Self-Assembly		**Invited Speaker Talk**: John Doye* (Oxford)		
2:00 PM					
2:15 PM	**Talk**: Michael Matthies (Technical University Munich): OAT boilerplate and other tools to make consistent, reproducible simulations				
2:30 PM					
2:45 PM	**Talk**: Eryk Ratajczyk (Oxford): Controlling DNA-RNA strand displacement kinetics with base distribution	Poster Session 2			
3:00 PM	**Talk**: Rizal Hariadi (ASU) Multi-axial DNA origami force spectroscopy unlocks conformational dynamics hidden under single-axial tension				
3:15 PM					
3:30 PM		**Invited Speaker Talk:** Do-Nyun Kim* (Seoul National University)Toward generative design of DNA origami			
3:45 PM	Snack	Snack	Snack & Additional Activities TBD		
4:00 PM					
4:15 PM	**Talk**: Daniel Duke (Duke): Predicting the pathways of DNA origami folding with a new mesoscopic model	**Talk**: Matthew Sample (ASU): Unlocking the Thermodynamics of DNA Origami Dimerization via Restrained Umbrella Sampling			
4:30 PM		**Talk**: Jared Huzar (UC Berkeley) High-Throughput Characterization and Prediction of the Thermal Stability of Multivalent			
4:45 PM	**Talk**: Erik Poppleton (Heidelberg University): Connecting to the wider world of nucleic acid simulations	DNA Interactions			
5:00 PM					
5:15 PM			Carlos Castro MagicDNA Tutorial		
5:30 PM					
5:45 PM	Poster Session 1			Hackathon	Hackathon
6:00 PM					
6:15 PM					
6:30 PM					
6:45 PM					
7:00 PM					
7:15 PM	Dinner	Dinner	Dinner	Dinner	Dinner