Time	Sunday, 9/22/13 *Tutorial Day* (ISTB4)	Monday, 9/23/13 (Old Main)	Tuesday, 9/24/13 (Old Main)	Wednesday, 9/25/13 (Old Main)	Thursday, 9/26/13 (Old Main)	Friday, 9/27/13 *Nanoday* (Old Main)
8:00 AM		Registration/Badge Pick-up				
8:15						
8:30						Ned Seeman
8:45						
9:00 AM		Opening Remarks				
9:15		Plenary Presentation: Eric Goles	Plenary Presentation: Lulu Qian	Plenary Presentation: Hendrik Dietz	Plenary Presentation: Yannick Rondelez	Fritz Simmel
9:30						
9:45						
10:00 AM			Constantine Evans and Erik Winfree: **DNA Sticky End Design and Assignment for Robust Algorithmic Self-Assembly**	Alireza Goudarzi, Matthew R. Lakin and Darko Stefanovic: **DNA Reservoir Computing: A Novel Molecular Computing Approach**	Lisa Hochrein, Ma'Ayan Schwarzkopf, Peng Yin and Niles Pierce: **Engineering Diverse Nucleic Acid Mechanisms for Conditional Dicer Substrate Formation**	John Spence
10:15		Break: Refreshments				
10:30			Break: Refreshments	Break: Refreshments	Break: Refreshments	
10:45		David Doty and Monir Hajiaghayi: **Leaderless Deterministic Chemical Reaction Networks**				Break: Refreshments
11:00 AM			Niranjan Srinivas, Thomas Ouldridge, Petr Sulc, Joseph Schaeffer, Ard Louis, Jonathan Doye and Erik Winfree: **On the Biophysics and Kinetics of Toehold-mediated DNA Strand Displacement**	Ralf Jungmann, Maier Avendano, Johannes Woehrstein, Mingjie Dai, William M. Shih and Peng Yin: **Multiplexed Cellular 3D Super-Resolution Imaging with DNA-PAINT**	Iñaki Sainz de Murieta and Alfonso Rodríguez-Patón: **Probabilistic Reasoning with an Enzyme-driven DNA Device**	Kurt Gothelf
11:15		Andrew Winslow: **Staged Self-Assembly and Polyomino Context-Free Grammars**				
11:30			Matthew R. Lakin, Darko Stefanovic and Andrew Phillips: **Modular Verification of Two-domain DNA Strand Displacement Networks via Serializability Analysis**	Mohammad Mottaghi and Chris Dwyer: **More Visible Features per Sample in Fluorescence Microscopy by Polychromatic Address Multiplexing**	Frits Dannenberg, Marta Kwiatkowska, Chris Thachuk and Andrew Turberfield: **DNA Walker Circuits: Computational Potential, Design, and Verification**	
11:45		Dandan Mo and Darko Stefanovic: **Iterative Self-Assembly with Dynamic Strength Transformation and Temperature Control**				
12:00 PM	Registration/Badge Pick-up		Boyan Yordanov, Christoph M. Wintersteiger, Youssef Hamadi, Andrew Phillips and Hillel Kugler: **Functional Analysis of Large-scale DNA Strand Displacement Circuits**	Carl W. Brown Iii, Matthew R. Lakin, Hannah E. West, Darko Stefanovic and Steven W. Graves: **Modular Signal Propagation Between DNA Logic Architectures**	Adrien Padirac, Jean-Christophe Galas, Anton Zadorin, Adithya Kalley, Yannick Rondelez and Andre Estevez-Torres: **DNA Molecular Programming Goes Spatial**	Tim Liedl
12:15						
12:30	Tutorial #1 - Kurt Gothelf: **Structural Design Aspects of DNA Nanotechnology**	Lunch at the University Club				
12:45						
1:00 PM			Lunch on your own	Box Lunch (Steering Committee Lunch at the U Club)	Lunch on your own (ISNSCE Meeting, TBD)	Box Lunch
1:15						
1:30						
1:45		Lila Kari, Steffen Kopecki and Shinnosuke Seki: **3-color Bounded Patterned Self-assembly**				
2:00 PM	Break: Refreshments				Fei Zhang, Yan Liu and Hao Yan: Complex **Archimedean Tiling Self-assembled from DNA Nanostructures**	William Shih
2:15		Mark Arnold: **Extending DNA-Sticker Arithmetic to Arbitrary Size Using Staples**	Plenary Presentation: Alessandra Carbone	Plenary Presentation: Chendge Mao		
2:30	Tutorial #2 - Fritz Simmel: **Experimental Aspects of Biomolecular Nanodevices and Circuits**				John Milligan, Yu Jiang, Bingling Li, Sanchita Bhadra and Andrew Ellington: **Real-time Detection of Isothermal Amplification Reactions with Thermostable Catalytic Hairpin Assembly**	John Chaput
2:45		Jennifer Padilla, Junghuei Chen, Natasha Jonoska and Nadrian Seeman: **Self Assembly by Signal Transmission**				
3:00 PM			Moya Chen, Doris Xin and Damien Woods: **Parallel Computation using Active Self-assembly**	Yonggang Ke, Luvena Ong, Wei Sun, William Shih and Peng Yin: **Three-dimensional Discrete DNA structures and DNA Crystals Self-Assembled from DNA Bricks**	Buses to Desert Botanical Garden	
3:15		Break: Refreshments				Break: Refreshments
3:30						
3:45	Break: Refreshments		Break: Refreshments	Break: Refreshments		
4:00 PM		Alexandra Keenan, Xingsi Zhong and Robert Schweller: **Exponential Replication of Patterns in the Signal Tile Assembly Model**	Jongmin Kim, Ishan Khetarpal, Shaunak Sen and Richard Murray: **Synthetic Circuit for Exact Adaptation and Fold-change Detection**	John Sadowski, Colby Calvert, David Zhang, Niles Pierce and Peng Yin: **Developmental Self-Assembly of a DNA Tetrahedron**	Tours of Desert Botanical Garden	Hanadi Sleiman
4:15	Tutorial #3 - Andrew Phillips: **Reaction Networks**	Matthew Patitz, Trent Rogers, Jennifer Padilla and Jacob Hendricks: **Signal Transmission Across Tile Assemblies: 3D Static Tiles Simulate Active Self-Assembly by 2D Signal-Passing Tiles**				
4:30			Gourab Chatterjee, Richard Muscat, Karin Strauss, Luis Ceze and Georg Seelig: **DNA Circuit Boards For Molecular Computation**	Peter Allen and Andrew Ellington: **3D Printing of DNA-assembled Microspheres into Objects**		
4:45		Group Photo				Peng Yin
5:00 PM						
5:15		Poster Session: Groups I and II	Poster Session: Groups II and III	Poster Session: Groups I and III		Dongsheng Liu
5:30						
5:45		Refreshments	Refreshments	Refreshments		
6:00 PM						Closing Remarks
6:15						Dinner on your own
6:30		Dinner on your own	Dinner on your own	Dinner on your own (*Dinner for Invited Speakers and Session Chairs at Rustler's Rooste*)	Banquet Reception - General Assembly	
6:45						
7:00 PM						
7:15						
7:30						
7:45						
8:00 PM						
8:15						
8:30						
8:45						
9:00 PM					Buses return to Tempe	