

Foundations of Nanoscience Meeting (FNANO) - April 15-19, 2013, Snowbird, UT				
15 April, 2013 - Registration 9:00-10:30am				
15 April, 2013 - Track on Principles and Theory; Track Chair: Rebecca Schulman				
	10:30-11:10	Keynote	Kathleen Stebe	Oriented Assembly by Capillarity and Elasticity
	11:10-11:35	Invited Talk	Jean-Philippe Jacques Sobczak, Thomas G. Martin, Thomas Gerling and Hendrik Dietz	Rapid folding of DNA into nanoscale shapes at constant temperature
	11:35-12:00	Invited Talk	Nadine Dabby and Ho-Lin Chen	Active Self-Assembly of Simple Units Using an Insertion Primitive
		Poster	Bruce Maclennan	Mathematical Principles of Morphogenesis Applied to Nanoscale Self-Assembly
		Poster	Russell Deaton and Tyler Moore	Directed Percolation Behavior in Tile Self-Assembly
		Poster	John Reif and Tianqi Song	Complexity and Computability of Temperature-1 Tilings
		Poster	Reem Mokhtar, Sudhanshu Garg, Hieu Bui, Tianqi Song, Harish Chandran and John Reif	Kinetic Digraph Rewrite Systems: Coarse-Grained Models for Dynamic DNA Nanodevices
	12:00-1:00	Lunch		
15 April, 2013 - Track on Circuits and Architecture; Track Chair: Chris Dwyer				
	1:00-1:40	Keynote	R. Stanley Williams	Mott Memristors, Spiking Neuristors and Turing Complete Computing with an Electronic Action Potential
	1:40-2:05	Invited Talk	S. Alex Kandel	Scanning Tunneling Microscopy of Mixed-Valence Molecules for Molecular Electronics
	2:05-2:30	Invited Talk	Vishwa Nellore, Sam Xi and Chris Dwyer	Self-Assembled Cryptographic Device for Two-Factor Authentication
		Poster	Heather Duschl and Chris Dwyer	The Use of Photosensitizers in Dynamic Resonance Energy Transfer Circuits
	2:30-3:10	<i>Refreshments and Afternoon Poster Session</i>		
15 April, 2013 - Track on Computational Models; Track Chair: William Shih				
	3:10-3:50	Keynote	Nobuyasu Koga, Rie Tatsumi-Koga, Gaohua Liu, Rong Xiao, Thomas B. Acton, Gaetano T. Montelione and David Baker	Principles for designing ideal protein structures
	3:50-4:15	Invited Talk	Thomas Ouldridge, Petr Sulc, Flavio Romano, Christian Matek, Benedict Snodin, Ard Louis and Jonathan Doye	Understanding DNA nanotechnology and biophysics through coarse-grained modeling
	4:15-4:40	Invited Talk	Brian Wolfe, Conrad Steenberg and Niles Pierce	NUPACK: Analysis and design of nucleic acid molecules, devices, and systems
	4:40-5:00	Contributed Talk	Lun Yang and Mark Bathe	Structure-based Simulation of FRET in DNA-based Nanostructures and Light-harvesting Antennas
		Poster	Yonggang Ke, Luvena Ong, William Shih and Peng Yin	Rapid prototyping of three-dimensional DNA-brick structures
		Poster	Matthew Adendorff and Mark Bathe	Automatic Structure-based Design of DNA Nanostructures
		Poster	Benjamin Steele and Mark Bathe	Structure-Based Thermodynamic Modeling of DNA Tile Assembly
		Poster	Do-Nyun Kim, Lun Yang and Mark Bathe	Modelling Electrostatic Effects on DNA Nanostructure Shape and Thermodynamic Stability
		Poster	Jean-Philippe Jacques Sobczak and Hendrik Dietz	Towards understanding the assembly of DNA origami nanostructures
		Poster	Keyao Pan, Matthew Adendorff, Do-Nyun Kim, Samuel Flores and Mark Bathe	Hierarchical Modelling of DNA and RNA Nanostructures using CanDo and MMB

		Poster	Robert Penner, Ebbe Sloth Andersen, Jens Jensen, Adriana Kantcheva, Maike Bublitz, Poul Nissen, Anton Rasmussen, Katrine L. Svane, Bjørk Hammer, Reza Rezazadegan, Niels Chr. Nielsen, Jakob T. Nielsen and Jørgen E. Andersen	Atlas of hydrogen bond rotations as uniform tool for analyzing protein architecture and dynamics
15 April, 2013 - Reception and Combined Poster Session (All Monday and Tuesday Track Posters)				
	7:00-8:30pm			
16 April, 2013 - Track on Surface Chemistry; Track Chair: Lloyd Smith				
	8:30-9:10am	Keynote	Robert M. Corn	Combining Surface Enzyme Chemistries, Plasmonic Nanostructures and Directed Self-Assembly For the Multiplexed On-Chip Synthesis, Capture and Manipulation of Nucleic Acids and Proteins
	9:10-9:35	Invited Talk	So-Jung Park, Robert Hickey, Chen Xi-Jun, Brenda Sanchez and Peijun Zhang	Hierarchical Self-Assembly of Nanoparticles and Amphiphilic Polymers
	9:35-9:55	Contributed Talk	Eric Josephs, Gary Abel, Norman Luong and Tao Ye	Conformational Changes and Hybridization of Single Nucleic Acid Molecules on Dynamic Surfaces
		Poster	Gary Abel, Eric Josephs, Norman Luong and Tao Ye	Atomic force microscopy visualization of DNA hybridization and self-assembly on a switchable surface
		Poster	Shou-Jun Xiao	Multiple Transmission-Reflection Infrared Spectroscopy (MTR-IR): A Powerful Tool for Self-Assembled Surface Chemistry on Infrared Transparent Substrates
		Poster	Hieu Bui, Tianqi Song, Sudhanshu Garg, Reem Mokhtar, John Reif and Harish Chandran	Local Hybridization Chain-Reactions on the Surface of DNA Origami
	9:55-10:30	Refreshments		
16 April, 2013 - Track on Chemical Systems; Track Chair: Amar Flood				
	10:30-11:10	Keynote	Steven De Feyter	Nanopatterning at the liquid/solid interface via molecular self-assembly: from fundamentals to applications
	11:10-11:35	Invited Talk	Christer Aakeroy	Multi-component molecular crystalline materials: From assembly to function
	11:35-12:00	Invited Talk	Kazukuni Tahara, Kyohei Kaneko, Koji Inukai, Jinne Adisojojoso, Steven De Feyter and Yoshito Tobe	Approaches to Synthesis of Covalently Linked 2D Molecular Networks at Liquid/Solid Interfaces
	12:00-12:25	Invited Talk	Steven L. Tait and Daniel Skomski	Chemical Design of Robust Two-dimensional Organic Crystals
		Poster	Luisa Losensky, Julian Appelfeller, Daniel Huster, Paula Pescador, Anca Petran, Jürger Liebscher and Anna Arbuzova	Self-assembled nano- and microtubes from cholesteryl-aminouridine and phospholipids
		Poster	Brandon Hirsch, Kevin McDonald, Amar Flood and Steven Tait	Anion-Triggered Switching of Supramolecular Architectures at the Liquid-Solid Interface
		Poster	Wei Sun, Amy Guan and Peng Yin	Casting Metal Structures within Programmable DNA Molds
	12:25-1:25	Lunch		
16 April 2013 - Track on Proteins and Viral Nanostructures; Track Chair: Bogdan Dragnea				
	1:25-2:05	Keynote	Yen-Ting Lai, Neil King, David Baker and Todd Yeates	Protein Cages and Nanoscale Materials in Nature and by Design
	2:05-2:30	Invited Talk	Jason Perlmutter, Cong Qiao and Michael Hagan	Viral genome structures are optimal for capsid assembly
	2:30-2:50	Contributed Talk	Justin Flory, Chad Simmons, Sandip Shinde, Su Lin, Giovanna Ghirlanda, Yan Liu, Hao Yan and Petra Fromme	Nucleic Acid Driven Polypeptide Assembly

	2:50-3:10	Contributed Talk	Michael Bruckman, Lauren N. Randolph, Allen Vanmeter and Nicole F. Steinmetz	Designing Rod and Spherical Shaped Viral Nanoparticle MRI Contrast Agents to Image Atherosclerotic Plaques
	3:10-4:00	<i>Refreshments and Afternoon Poster Session</i>		
16 April, 2013 - Track on In Vivo; Track Chair: Yamuna Krishnan				
	4:00-4:40	Keynote	Ronald Breaker	New Self-cleaving RNA and DNA Enzymes: Applications in Nature and in Biotechnology
	4:40-5:05	Invited Talk	Daniel Anderson	Combinatorial development of biomaterials and synthetic siRNA delivery systems
	5:05-5:25	Contributed Talk	Sonali Saha, Sunaina Surana and Yamuna Krishnan	Sensing intracellular chloride with DNA
	5:25-5:45	Contributed Talk	Alexander Green, Pamela Silver, James Collins and Peng Yin	Programmable RNA Assemblies for Complex Logic Operations in Living Cells
		Poster	Suruchi Sharma, Sandhya S Visweswariah and Yamuna Krishnan	A nucleic acid-based fluorescent, ratiometric sensor for cAMP.
		Poster	Sunaina Surana, Sandhya Koushika and Yamuna Krishnan	Tissue specific targeting of DNA nanodevices
		Poster	Ferenc Fordos and Björn Högberg	Construction of dually labeled DNA-nanostructures with enzymatically labeled ssDNA and oligonucleotides for studying cellular uptake
		Poster	Steven Perrault and William Shih	Lipid Membrane Encapsulation of DNA Nanostructures for In Vivo Applications
16 April, 2013 - ISNSCE Award Address				
	5:45-6:45			
16 April, 2013 - Reception and Poster Session (Wednesday Track Posters)				
	7:30-8:00pm	Tuesday evening reception and poster session (all Monday and Tuesday track)		
17 April, 2013 - Track on Molecular Motors; Track Chair: Andrew Turberfield				
	8:00-8:40	Keynote	Saw Wai Hla	Operating Single Molecule Devices and Machines
	8:40-9:05	Invited Talk	Toma Tomov, Roman Tsukanov, Miran Liber, Yaron Berger and Eyal Nir	Two Steps Forward for a Fast and Efficient Non-Autonomous DNA Motor
	9:05-9:30	Invited Talk	Nathan Derr, Brian Goodman, Weihong Qiu, Ralf Jungmann, Andres Leschziner, William Shih and Samara Reck-Peterson	Coordination of individual and ensemble molecular motors studied using tools from DNA nanotechnology
	9:30-9:50	Contributed Talk	Adam Wollman, Carlos Sanchez-Cano, Helen Carstairs, Robert Cross and Andrew Turberfield	Transport and self-organization across scales powered by motor proteins and programmed by DNA
		Poster	Daniel Lubrich and Jiena Yu	Measuring forces generated by DNA-tweezers
		Poster	Sudhanshu Garg, Nikhil Gopalkrishnan, Harish Chandran and John Reif	Self-Replicating DNA Nanostructures: Autocatalytic Nanodevices derived from Catalytic Nanodevices
	9:50-10:10	<i>Refreshments</i>		
17 April, 2013 - Track on DNA Nanotechnology and Analytical Methods; Track Chair: Andy Ellington				
	10:10-10:50	Keynote	Niles Pierce	Programmable molecular technologies for selective nucleic acid target capture and signal amplification
	10:50-11:20	Invited Talk	Steven Benner	Reagent Innovations for Sensitive, Clean, and Highly Multiplexed Analysis of DNA
	11:20-11:50	Invited Talk	Yi Lu	Functional DNA Nanotechnology and its Applications in Sensing and Imaging
	11:50-12:20	Invited Talk	Dan Luo	Bulk-scale DNA Materials and Their Applications
		Poster	Dmitry Kolpashchikov, Yulia Gerasimova, Evan Cornett and Hillary Bengtson	DNA crossover tiles for nucleic acid analysis and molecular computation

		Poster	Yu Sherry Jiang, Bingling Li, Sanchita Bhadra, John N. Milligan and Andrew D. Ellington	Real-time detection of isothermal amplification reactions via a thermostable catalytic hairpin assembly circuit
		Poster	Chaitanya Sathe, Anuj Girdhar, Xueqing Zou, Leburton Jean-Pierre and Klaus Schulten	Graphene Nanopores for DNA Sensing.
		Poster	Chun Geng and Paul Paukstelis	Three-dimensional DNA crystals as biomolecular containers for catalysis
		Poster	João Rosa, João Lima and Pedro Baptista	Gold nanobeacons for RNA splicing characterization and in vitro diagnostics tool
		Poster	Mauricio Pilo-Pais, Anne Watson, Thom Labean and Gleb Finkelstein	SERS-like Plasmonic Enhancement of Raman Spectroscopy in DNA Origami-based Complex Metallic Nanostructures
		Poster	Ralf Jungmann, Maier S Avendano, Mingjie Dai, Johannes B Woehrstein, Jack Nicoludis, Johnny Hu, William M Shih and Peng Yin	Engineering Nucleic Acid-based Probes for Bio-Imaging Applications
		Poster	Jan Zimak, Edward Benjamin Samson, Michael Diehl and Walter N Hittelman	Multiplexed Super-Resolution Imaging using Programmable DNA-based Barcodes
	12:20-1:20	Lunch		
17 April, 2013 - Track on DNA Nanostructures I; Track Chair: Nadrian Seeman				
(Canceled)	1:20-2:00	Keynote	Christof Niemeyer (Canceled)	Self-Assembly of Hybrid conjugates of DNA, proteins and colloids for applications in nanobiotechnology
	2:00-2:25	Invited Talk	Yonggang Ke	Three-dimensional Discrete DNA structures and DNA Crystals Self-Assembled from DNA Bricks
	2:25-2:50	Invited Talk	Hao Yan	Self-assembly of Archimedean DNA Structures
	2:50-3:15	Invited Talk	William Shih	Design strategies for robust multilayer DNA origami
		Poster	Max Scheible, Günther Pardatscher, Jonathan List and Friedrich Simmel	DNA origami arrays for single-molecule fluorescence studies
		Poster	Masayuki Endo, Arivazhagan Rajendran, Yangyang Yang, Yuki Suzuki and Hiroshi Sugiyama	Direct visualization of Cre-loxP site specific recombination using DNA origami scaffold
		Poster	Danielle Schultz and Elisabeth Gwinn	Evidence for rod-shaped DNA-stabilized nanocluster emitters
		Poster	Stacy Shiffler-Copp, Danielle Schultz, Nemanja Markešević and Elisabeth Gwinn	Bringing distinct, few-atom silver clusters into nanoscale proximity on a DNA construct
		Poster	Dongran Han, Hao Yan and Yan Liu	DNA Origami Constructed From Parallel Helices
		Poster	Philipp Nickels, Yonggang Ke, David Smith, William Shih, Tim Liedl and Bjorn Hogberg	DNA Origami Structures folded directly from Bacteriophage M13 and λ
		Poster	Shuoxing Jiang, Dongran Han, Hao Yan and Yan Liu	Hybridization Kinetics of Multivalent DNA Tiles
		Poster	Seung Hyeon Ko, Kan Du and J. Alexander Liddle	Quantum Dot Fluorescence Lifetime Engineering with DNA Origami Constructs
		Poster	Donald Kellis, Bernard Yurke, Elton Graugnard, William Hughes and Wan Kuang	DNA Mediated Excitonic AND Logic Gate
		Poster	Donald L. Kellis, Hieu Bui, Bernrd Yurke, Wan Kuang, Elton Graugnard, Jeunghoon Lee, William L. Hughes and William B. Knowlton	Effects of DNA Condensing Agents on DNA Nanostructures

		Poster	Sarah Helmig, Asger Krüger, Victoria Birkedal and Kurt V. Gothelf	Towards Application of DNA Origami Nanostructures for electron transport studies
		Poster	Keitel Cervantes-Salguero, Shogo Hamada and Satoshi Murata	Reconfigurable ring-shaped molecular clusters
		Poster	John Min, Shelley Wickham and William Shih	Coaxial multimerization of Stacked-Ring DNA Origami Structures
		Poster	Lasse L. Hildebrandt, Asger C. Krüger, Zhao Zhang, Kurt Gothelf and Victoria Birkedal	The 11 states of a DNA actuator investigated by single molecule FRET microscopy
		Poster	Susan Buckhout-White, Christopher Spillmann, W. Russ Algar, Joseph Mellinger, Mario Ancona, Ellen Goldman and Igor Medintz	Formation and Characterization of DNA-Based FRET Networks
		Poster	Bryan Wei, Mingjie Dai, Cameron Myhrvold, Yonggang Ke, Ralf Jungmann and Peng Yin	Diverse weaving patterns for assembling complex DNA structures
		Poster	Sadao Takabayashi, William Klein, William Hughes, Blake Rapp, Elias Lindau, Lejmarc Snowball, Jeunghoon Lee, William Knowlton, Bernard Yurke, Elton Graugnard and Wan Kuang	Maximizing Gold Nanoparticle Attachment onto DNA Origami
		Poster	Sondra Hellstrom, Youngeun Kim, Jim Fakonas, Andrew Senesi, Robert Macfarlane, Seyoon Kim, Chad Mirkin and Harry Atwater	Epitaxial growth of DNA-assembled plasmonic nanoparticle superlattices
		Poster	Masudur Rahman, Anshuman Mangalam and Michael L. Norton	Real Time AFM Observation of Streptavidin Modification of Surface Bound One Dimensional DNA Origami Assemblies
	3:15-4:00	<i>Refreshments and Afternoon Poster Session</i>		
17 April, 2013 - Track on Synthetic Biology; Track Chair: Rick Wagner				
	4:00-4:40	Keynote	Samie Jaffrey	Imaging RNA Biology using RNA Mimics of Green Fluorescent Protein
	4:40-5:05	Invited Talk	Carston Wagner, Kari Gabrielelese, Jae-Chul Lee and Amit Gangar	Engineering Cell-Cell Interactions through Chemically Self-Assembled Nanorings (CSANS)
	5:05-5:30	Invited Talk	Hirohide Saito, Kei Endo and Eriko Osada	RNP synthetic biology: developing RNP-based nanostructures and translational ON/OFF switches in mammalian cells
	5:30-5:50	Contributed Talk	Maximilian Weitz, Jongmin Kim, Korbinian Kapsner, Erik Winfree, Elisa Franco and Friedrich Simmel	Dynamical diversity of a compartmentalized programmable biochemical oscillator
		Poster	Vishwesh Kulkarni, Evgeny Kharisov, Naira Hovakimyan, Marc Riedel and Jongmin Kim	Load Capacity Improvements for in vitro Transcriptional Devices
		Poster	Cosimo Ducani, Corinna Kaul, Martin Moche, William Shih and Bjorn Hogberg	Using the Monoclonal Stoichiometric Method (MOSIC) to Enzymatically Produce Long Single-stranded DNA Oligos
17 April 2013 - Track Chair Dinner (Location TBA)				
	6:00-7:30pm			
17 April, 2013 - Reception and Evening Poster Session (all Thursday Posters)				
	7:30-9:00pm			
18 April, 2013 - Track on Carbon Nanostructures; Track Chair: Yuegang Zhang				
	8:30-9:10	Keynote	Hui-Ming Cheng	Synthesis and Application Explorations of Three-Dimensional Graphene Interconnected Networks

	9:10-9:35	Invited Talk	Rohit Karnik	Ionic and Molecular Transport through Graphene Membranes
	9:35-10:00	Invited Talk	Carlo Carraro and Roya Maboudian	Nanocrystalline Carbon: Electrical Gateway to the Silicon Carbide Bulk.
	10:00-10:25	Invited Talk	David Geohegan	Understanding the growth kinetics of carbon nanostructure architectures during synthesis with real-time diagnostics
		Poster	Haitao Liu	On the intrinsic wettability of graphene
		Poster	Van-Duong Dao and Ho-Suk Choi	Dry Plasma Reduction to Synthesize MWNT/Pt Nanohybrid Materials for the Counter Electrode of Dye-sensitized Solar Cells
		Poster	Christoph Schneider, Dirk Kuhlmeier, Tim Liedl, Johannes Kacza and David Smith	DNA-directed nanotemplating of components for biosensors
		Poster	Zhong Jin, Wei Sun, Yonggang Ke, Chih-Jen Shih, Geraldine Paulus, Qing Hua Wang, Bin Mu, Peng Yin and Michael Strano	Metallized DNA nanolithography for encoding and transferring spatial information for graphene patterning
	10:25-10:50	<i>Refreshments</i>		
18 April, 2013 - Track on Biomedical Nanotechnology; Track Chair: Thom LaBean				
	10:50-11:30	Keynote	Yunan Xia	Putting Nanostructured Materials to Work for Biomedical Research
	11:30-11:55	Invited Talk	Kirill Afonin	Activation of different split functionalities inside target cells through anagoristic R/DNA hybrids: a novel approach in therapeutic RNA nanotechnology
	11:55-12:15	Contributed Talk	Alan Shaw, Vanessa Lundin, Ekaterina Petrova, Ferenc Fördös, Erik Benson, Anna Herland, Andries Blokzijl, Ana Teixeira and Björn Högberg	Using DNA Origami Nano-Calipers to Study Length-Scale Dependence on Cellular Receptor Activation
	12:55-12:35	Contributed Talk	Thomas Tørring, Anne Louise Bank Kodal, Christian Bech Rosen, Jørgen Kjems and Kurt Gothelf	Creating functional DNA-Protein Conjugates
		Poster	Nicole Steinmetz	Plant virus-based nanoparticles (VNPs) and co-operative VNP assemblies in biomedical nanotechnology
		Poster	Jung, Christien Kluwe and Andrew D Ellington	Genetic Engineering of Nanoparticle Formation
		Poster	Scott M. Reed, Reid E. Messersmith and Min S. Wang	Utility of Lipid Membranes Assembled on Nanoparticles for Measuring Protein Membrane Interactions
		Poster	Sara Goltry, Tyler Clark, Jeunghoon Lee, William Knowlton, Bernard Yurke, Elton Graugnard and William Hughes	Long-Term Operability of a DNA-based Nanomachine in Human Serum
		Poster	Christian Bech Rosen, Anne Louise Bank Kodal, Thomas Tørring, Jørgen Kjems and Kurt Vesterager Gothelf	DNA-Templated Protein Conjugation
		Poster	Ronnie Pedersen and Thomas Labean	Peptide Nucleic Acids in DNA Nanostructures.
		Poster	Xin Li, Wei Lu and Xiaolong Shi	Toward reliable DNA strand displacement: reduce leaky reaction
	12:35-2:00	<i>Afternoon Poster Session (No Lunch Provided)</i>		
18 April, 2013 - Track on DNA Structures II; Track Chair: Nadrian Seeman				
	2:00-2:25	Invited Talk	Wan Kuang	Combined Atomic Force Microscopy and Far-field Characterization of Individual Surface Plasmon Waveguides Nanofabricated using Scaffolded DNA Origami
	2:25-2:50	Invited Talk	Masayuki Endo	Direct observation of DNA structural changes in the designed DNA nanostructures
	2:50-3:15	Invited Talk	Kurt Vesterager Gothelf	Alignment of Conjugated Polymers using DNA Origami

	3:15-3:30	Invited Talk	Ebbe Sloth Andersen	Demonstration of a versatile DNA origami nanosensor device
	3:30-3:55	Invited Talk	Michael L. Norton	Addressing SWCNT onto Single and One Dimensional DNA Origami
		Poster	Philip Lukeman, Matthew Avant, Keshia Pitt, Morcos Hanna, Michael Huaman and William Sherman	Title: Undergraduate-Conducted DNA-Based Nanotechnology: Photochemical Switch Control - Virus-Binding 'Claws'- Designer Triangles
		Poster	Yangyang Yang, Masayuki Endo, Yuki Suzuki, Kumi Hidaka and Hiroshi Sugiyama	Photo-functionalization of DNA origami: photo-responsible behavior observation and reversible multi-orientational assembling
		Poster	Haitao Liu	Nanoscale growth and patterning of inorganic oxides using DNA nanostructure templates
		Poster	Jinglin Fu, Yuhe Yang and Hao Yan	A 'Swing Arm'-channeled multienzyme complex organized on DNA nanoscaffolds
		Poster	Daniel Schiffels, Tim Liedl and Deborah Fygenon	Characterization of the Mechanical Properties of DNA Nanotubes
		Poster	Jakob Woller, Sofia Svedhem and Bo Albinsson	Reversible Self-Assembly of DNA Nanostructures Anchored to Lipid Bilayer Membranes
		Poster	Cameron Myhrvold, Mingjie Dai, Pamela Silver and Peng Yin	Isothermal self-assembly of DNA nanostructures under diverse and biocompatible conditions
		Poster	Shelley Wickham, Jianghong Min and William Shih	Prospecting for Gold: Using a DNA-origami stacked-ring cylinder to capture AuNPs.
		Poster	Bert Huttanus, Elton Graugnard, Wan Kuang, William Knowlton, Bernard Yurke, Will Hughes and Jeunghoon Lee	Enhanced Colorimetric Detection of DNA via Catalytic Aggregation of Gold Nanoparticles
		Poster	Jonas Joerg Funke, Britta Coordes, Carlos Castro and Hendrik Dietz	Accurate, high-throughput two-point distance measurements for protein research using a DNA-caliper
		Poster	Elisabeth Gates, Anthony Pearson, Jianfei Liu, Bibek Uprety, Robert Davis, John Harb and Adam Woolley	Site-specific Metallization of Thin, Branched DNA Origami Structures for Conductive Nanowires
		Poster	Wei Sun, Thomas Schaus, Evan Wu, Adam Marblestone, Sherrie Wang, Nicholas Perkins, William Shih and Peng Yin	Controllable Release of Gold Nanoparticles from a Switchable DNA Box
		Poster	Xiaolong Shi, Linqiang Pan and Thomas Labean	Novel sub-tile structure for DNA tile based self-assembly
		Poster	Subhadeep Roy, Magdalena Olesiak, Shiyong Shang and Marvin Caruthers	Silver Nanoassemblies Constructed from Boranephosphonate DNA