

Natural Materials and Systems Program Review 2015

Dr. Hugh DeLong | December 7-11, 2015| Destin, FL

Emerald Grande at HarborWalk Village
10 Harbor Blvd.
Destin, FL 32541

Day 1 | Monday, December 7, 2016

Time	Title of Project	Speaker
7:00-7:30	Registration	
7:30-8:00	Welcome, Introduction and Background	Hugh De Long and Katie Wisecarver , Air Force Office of Scientific Research
8:00-8:50		Hal Alper University of Texas, Austin
8:50-9:40		Richard Van Duyne Northwestern University
9:40-10:10	BREAK	
10:10-10:45		Bradley Olsen Massachusetts Institute of Technology
10:45-11:20		Ralph Greenspan University of California, San Diego
11:20-12:50	LUNCH	
12:50-1:40	Combinatorial Screening of Emergent Nanophotonic Behavior through Biomolecule-Encoded Superlattice Formation	Vinayak Dravid Northwestern University
1:40-2:15		Paul Trulove United States Naval Academy
2:15-2:50		Wendy Goodson AFRL
2:50-3:20	BREAK	
3:20-3:55		Jocelyne DiRuggiero Johns Hopkins University
3:55-4:30		Warren Powell Princeton University
4:30-5:05		Fuzhong Zhang Washington University
	ADJOURNED FOR THE DAY	

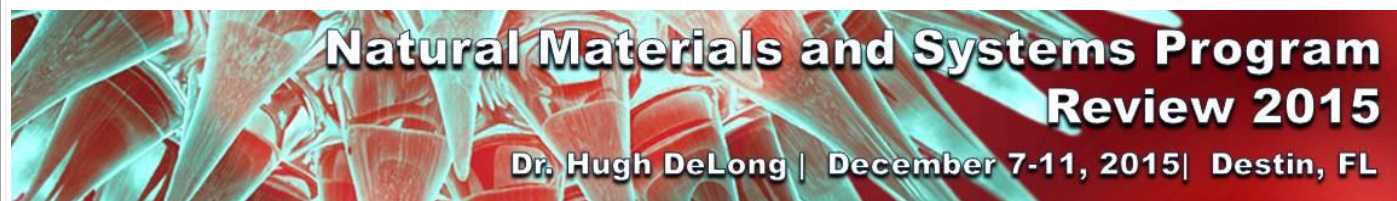
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Day 2 | Tuesday, December 8, 2016

Time	Title of Project	Speaker
7:00-8:00	Registration	
8:00-8:35	Ultrastrong, Flexible, and Conductive Nanocomposites from Graphene Oxides and Biopolymers	Vladimir Tsukruk Georgia Institute of Technology
8:35-9:25	Bioprogrammable 1-, 2-, and 3-Dimensional Materials	George Schatz Northwestern University
9:25-9:55	BREAK	
9:55-10:30	Silk Matrices for Stabilization and New Functional Materials	David Kaplan Tufts University
10:30-11:20	MURI: 4D Nanoprinter	Chad Mirkin Northwestern University
11:20-12:50	LUNCH	
12:50-1:25	Nanostructured Interfaces and Patterning Tools for Probing Bioinspired Materials and Systems	Chad Mirkin Northwestern University
1:25-2:15		Carson Meredith Georgia Institute of Technology
2:15-2:50		David Ginger University of Washington
2:50-3:20	BREAK	
3:20-3:55		Rae Anderson University of San Diego
3:55-4:30		Murugappan Muthukumar University of Massachusetts, Amherst
4:30-5:05		Bruce Branchini Connecticut College
	ADJOURNED FOR THE DAY	



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Day 3 | Wednesday, December 9, 2016

Time	Title of Project	Speaker
7:00-8:00	Registration	
8:00-8:35		Dietmar Pum Zentrum Fuer Nanobiotechnologie
8:30-9:10		Gregory Holland San Diego State University
9:10-9:45		Allon Hochbaum University of California, Irvine
9:45-10:15	BREAK	
10:15-10:50		Jeffrey Brinker University of New Mexico
10:50-11:25		Douglas Clark University of California, Berkeley
11:25-12:00		Joe Slocik AFRL
12:00-1:30	LUNCH	
1:30-2:05	Interfacing Optically-active Nanostructures with Biopolymers	Srikanth Singamaneni Washington University
2:05-2:40		Roger Hanlon Marine Biological Laboratory
2:40-3:15		Rein Ulijn ASRC/CUNY
3:15-3:45	BREAK	
3:45-4:20		Carole Perry Nottingham Trent University
4:20-4:55		Nathan Gianneschi University of California, San Diego
4:55-5:45		Teri Odom Northwestern University
	ADJOURNED FOR THE DAY	

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Day 4 | Thursday, December 10, 2015

Time	Title of Project	Speaker
7:00-8:00	Registration	
8:00-8:35		Lydia Contreras University of Texas, Austin
8:35-9:10		Brett Wenner AFRL
9:10-9:45		Patrick Dennis AFRL
9:45-10:15	BREAK	
10:15-10:50		Raymond Tu RFCUNY – City College
10:50-11:25		Jeffrey Urbach Georgetown University
11:25-12:55	LUNCH	
12:55-1:45		Nathan Gianneschi University of California, San Diego
1:45-2:20		Peter Frazier Cornell University
2:20-3:10		Paras Prasad SUNY, Buffalo
3:10-3:40	BREAK	
3:40-4:30		Fritz Vollrath University of Oxford
4:30-5:05		David Kisailus University of California, Riverside
5:05-5:40		Shad Thaxton Northwestern University
	ADJOURNED FOR THE DAY	

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Day 5 | Friday, December 11, 2015

Time	Title of Project	Speaker
7:00-8:00	Registration	
8:00-8:35		Robert Kelly North Carolina State University
8:35-9:25		Michael Mayer/David Sept University of Michigan
9:25-9:55	BREAK	
9:55-10:30		Adam Braunschweig University of Miami
10:30-11:05		Carol Hall North Carolina State University, Raleigh
11:05-11:40		Dimitri Deheyn University of California, San Diego
11:40-1:10	LUNCH	
1:10-1:45		Mark Blenner Clemson University
1:45-2:20		Matthew Shawkey University of Akron
2:20-2:55		Bo Chen University of Central Florida
	MEETING ADJOURNED	