

Near and Far-Field Interfaces to DNA-Guided Nanostructures from RF to Light wave: Exploiting the Spectrum

Annual MURI Review Meeting Agenda

Hilton Crystal City
2399 Jefferson Davis Hwy
Arlington, VA 22202
October 20th, 2017

Time	Speaker	Presentation Title	MURI thrust area
9:00 am	Joe Qiu (ARO)	Welcome & Introduction	
9:15 am	Peter Burke (UCI)	Research Theme & Teaming Overview	
TESTBEDS & BIOSENORS			
9:30 am	Peter Burke (UCI)	Towards real-time nano-probes of living systems	Electrophysiology Test Beds 1,2,3
10:15 am	Ritesh Agarwal (Penn)	Nano-Optics for Biosensors	Optical multiplexing Test Bed 3
11:00 am	Coffee break		
11:30 am	M. Stroschio (Illinois)	DNA-based Aptamer Sensors	Electronic multiplexing Test Beds 2,3
12:15 pm	Lunch		
DNA			
1:15 pm	M. Norton (Marshall)	Directed DNA Assembly for Sensors	Electronic multiplexing Optical multiplexing Test Beds 2,3
2:00 pm	Brown (Wright State)	THz Biosensors	Test Bed 2
2:45 pm	Mark Reed (Yale)	Silicon Nanowire Biosensors	Electrophysiology Electronic Multiplexing Test Beds 1, 3
3:30 pm	Coffee break		
PROGRAM REVIEW			
3:45 pm	Scientific Advisory Board	Advisory board executive session	
4:30 pm	Joe Qiu (ARO)	Advisor board feedback	
5:00 pm	Adjourn for the Day	Adjourn for the Day	