



2017 Dynamo MURI Review

Dr. Ali Sayir | October 19-20, 2017 | Arlington, VA

Basic Research Innovation and Collaboration Center (BRICC)
 4075 Wilson Blvd., Suite 350 | Liberty Room
 Arlington, VA 22203

Agenda Day 1 | October 19, 2017

Time	Title	Speaker
1:30-2:00	Registration	
2:00-2:30	Welcome & Milestones to Date	Stephen Rand University of Michigan
2:30-3:00	Charge Separation & Ultrafast THz Experiments	John Whitaker/Krishna Makhal University of Michigan
	Index comparisons & Tilted Wavefront Experiments	
3:00-3:15	Q/A	
3:15-4:00	Time-resolved Magneto-electric Dynamics	Tuan Trinh University of Michigan
	Classical Predictions of Dynamics, Ultrafast Scattering Experiments Confirm Quantum Model & P-T Symmetry of the Interaction Hamiltonian	
4:00-4:15	Q/A	
4:15 – 4:45	Advanced Fabrication of μ -resonators for M-E Experimentation	Hengky Chandralim University of Michigan
4:45 – 5:00	Q/A	
5:00	MEETING ADJOURN	
6:00 - 9:00	Dinner – possibly at Kapnos Taverna (Greek – 4000 Wilson) or Ray’s Steaks (2300 Wilson just west of Courthouse Metro)	

Agenda Day 2 | October 20, 2017

Time	Title	Speaker
7:30-8:00	Registration	
7:30-8:30	Refreshments (Available in the BRICC Café - \$5/day unlimited refreshments)	
8:30-9:15	Synthesis & Materials Discovery for Charge Separation	Tobin Marks/Alex Lou Northwestern University
	Energy Conversion Materials & Computational Guidelines, VB models, DMRG Results	
9:15-9:30	Q/A	
9:30-10:15	Ultrafast Nonlinear Index Measurements	David Hagan/Eric Van Stryland/ Sepehr Benis University of Central Florida, CREOL
	Beam Deflection Measurements of Third Order Susceptibilities	
10:15-10:30	Q/A	
10:30-10:45	COFFEE BREAK	
10:45-11:30	Poster Session	
11:30-1:00	LUNCH (Free time)	
1:00-1:30	Magneto-electric Harmonic Generation	Tony Heinz Stanford University
	Nonlinearities Mediated by the Lorentz force in 2-D and Other Systems	
1:30-1:45	Q/A	
1:45-2:45	Materials for Dynamic Optical Magnetization	Jinsang Kim/Seong Jun University of Michigan
2:15-2:30	Q/A	
2:30-2:45	Objectives & Milestones for Years 4,5	Stephen Rand University Michigan
	ADJOURNMENT	
2:45-3:30	Advisory Board Meeting & AFOSR Debriefing	