

# FREEDM

## SYSTEMS CENTER

Annual Conference Agenda

June 7- 8, 2018

<b>Thursday, June 7</b>		
McKimmon Center		
8:00am	Registration & Coffee	
8:30am	Introduction	Dr. Louis Martin-Vega, Dean of the College of Engineering, NCSU
8:40am	Welcome	Dr. Randy Woodson, Chancellor, NCSU
9:00am	FREEDM Overview	Dr. Iqbal Husain, Director, FREEDM
9:30am	Graduate Education Programs	Dr. Mesut Baran, Professor and College Education Program Director, FREEDM
9:40am	FREEDM Innovations	FREEDM Faculty
10:00am	Break	
10:30am	FREEDM Innovations	FREEDM Faculty
11:30am	National Science Foundation Presentation	Dr. Carmiña Londoño, National Science Foundation
11:45am	Industry Speaker	Dr. Iulian Nistor, Department Manager, Corporate Research, ABB
12:00pm	Lunch and Networking	
1:00pm	Introduction to Perfect Pitch	Susan Sanford, Executive Director, Research Triangle Cleantech Cluster
1:10pm	Perfect Pitch Contest	FREEDM Students
1:30pm	Grid Resiliency	Faculty and Industry Panel
2:15pm	Education and Workforce	Dr. Pam Carpenter, Director of Education and Workforce Development, FREEDM
2:25pm	Alumni Speaker	Likhita Ravuri, Research Electrical Engineer, Voltserver
2:35pm	FREEDM and Power America	Dr. Dan Stancil, Department Head, Electrical and Computer Engineering, NCSU
2:50pm	Break	
3:05pm	Energy Priorities for Department of Defense Installations	Joseph Corrigan, Senior Advisor, Kelley Drye & Warren, LLP
3:45pm	Research Project Summaries	FREEDM PhD Candidates
4:30pm	Poster Session	
5:30pm	Transition to Alumni Center	

### FREEDM 10 Year Celebration Reception

The Dorothy and Roy Park Alumni Center

6:00pm- 8:00pm	Reception & Dinner with Guest Speaker	Nelson Peeler, Senior Vice President, Duke Energy
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8:30am	Introduction	Dr. Iqbal Husain, Director, FREEDM
8:40am	Alumni Speaker	Kat Sico, Substation Engineer, Duke Energy
8:50am	Communications and Analytics	Faculty and Industry Panel
9:30am	Alumni Speaker	Arvind Govindaraj, Hardware Engineer, Verily (Google Life Sciences)
9:40am	Power Electronics on the Grid	Faculty and Industry Panel
10:20am	Break	
10:40am	Advances in EV Deployment	Faculty and Industry Panel
11:20am	NC Storage Project Update	Dr. Joe DeCarolis, Associate Professor, NCSU Civil Engineering
11:40am	Faculty Research Highlights	Lunch with your favorite researcher
12:00pm	Lunch and Transition to Lab	

Keystone Science Center		
1:00pm- 2:30pm	Review of Simulation Lab, High Bay and Low Bay	Keystone Science Center