

**BWN Lab Workshop on  
Recent Advances in Wireless Communications and Networking**

Atlanta, USA      May 15 and 16, 2014

Centergy One Building, CSIP Library 5186, 75 5<sup>th</sup> St NW, Atlanta, GA

Date	Session	Time	Presentation
May 15, 2014 Thursday	11:00-1:00 <b>UG+SDN</b>  Chair: <b>Hengzhao</b>	11:00-11:10	<b>Hengzhao, Ahyoung, and Bige</b> Opening and Welcome
		11:10-11:30	<b>Hengzhao</b> OILMOLES: Sensors for Oil Reservoir Digging
		11:40-12:00	<b>Abdallah</b> Overview on Oil Reservoir Environment
		12:10-12:30	<b>Ahyoung</b> Inter-Controller Synchronization in Distributed SDN Controllers
	1:00-2:00	Lunch	
	2:00-4:00 <b>SDN</b>  Chair: <b>Ahyoung</b>	2:00-2:20	<b>Shih-Chun</b> Traffic Engineering for Software Defined Networking
		2:30-2:50	<b>Xavier</b> Network State Acquisition for Traffic Modeling and Classification
		3:00-3:20	<b>Alba</b> QoS-aware Routing for Centralized Controller in SDNs
	May 16, 2014 Friday	11:00-1:00 <b>LTE+NANO</b>  Chair: <b>Bige</b>	11:00-11:20
11:30-11:50			<b>Youssef</b> Molecular Communication for Drug Delivery Systems
12:00-12:20			<b>Chong</b> Ultra-broadband Communication Networks in the Terahertz Band
12:30-12:50			<b>Francisco</b> MIMO Channel Analysis in the THz Band
1:00-2:00		Lunch	
2:00-4:00 <b>NANO+LTE</b>  Chair: <b>David</b>		2:00-2:20	<b>Ozan</b> Fundamental Limits and Communication System Design for Microfluidic Molecular Channels
		2:30-2:50	<b>Bige</b> Genetically Engineered Bacteria-Based Transceivers for Molecular Communication
		3:00-3:20	<b>David</b> Architecture Design for Massive MIMO-enabled Time-Division Duplex Heterogeneous Networks