



<b>Wednesday, January 18, 2017</b>		<b>Location</b>
<b>7:00a-8:00a</b>	<b>Breakfast</b>	<b>Hilton Miami Airport</b>
<b>8:00a-8:45a</b>	<b>Transfers to FIU</b>	
<b>8:45a-9:15a</b>	<b>Welcome &amp; Introductions</b> <i>Alan Mantooth, Director, SEEDS</i> <i>Ryan Egidi, Technical Project Officer, Energy Delivery &amp; Security Division, Department of Energy</i> <i>Arvind Agarwal, Associate Dean of Research, Engineering &amp; Computing, Florida International University</i>	<b>FIU</b>
<b>9:15a-9:55a</b>	<b>Update on SEEDS Center Accomplishments/Senior Faculty Presentations</b> Facilitator: Alan Mantooth <i>Presenter: Rick Blum, Lehigh University</i> <i>Presenter: Osama Mohammed, Florida International University</i> <i>Presenter: Marija Ilic, MIT</i> <i>Presenter: Mooi Choo Chuah, Lehigh University</i>	<b>FIU</b>
<b>9:55a-10:45a</b>	<b>Industry Presentations (20 min presentations, 5 minutes Q&amp;A)</b> Facilitator: Alan Mantooth <i>Presenter: Philip Huff – Arkansas Electric Cooperative Corporation</i> <i>Presenter: Michele Wright – Foxguard Solutions</i>	<b>FIU</b>
<b>10:45a-11:15a</b>	<b>Break</b>	<b>FIU</b>
<b>11:15a-12:00p</b>	<b>Overview Presentation of Subject 1: Data Integrity and Security Data Analytics</b> – Bruno Sinopoli <b>Overview Presentation of Subject 2: Secure Communication Infrastructure and Devices</b> – Selcuk Uluagac	<b>FIU</b>
<b>12:00p-1:00p</b>	<b>Lunch</b>	<b>FIU</b>



<b>Wednesday, January 18, 2017</b>		<b>Location</b>
<b>1:00p-2:00p</b>	<b>Breakout Sessions</b> <b>Subject 1: Data Integrity and Security Data Analytics (1/2)</b> Facilitator: Jia Di <i>Data Integrity Attack – Sinopoli</i> <i>Mitigating Data Falsification Attacks in Automatic Generation Control – Li</i> <i>Topology Attack – Kar</i> <i>Detecting Anomalous PMU Data – Blum</i> <i>Identifying Compromised Smart Grid Components – Chuah</i> <i>Visualization – Neira</i>  <b>Subject 2: Secure Communication Infrastructure and Devices (1/2)</b> Facilitator: Shannon G. Davis <i>Botnet and Intrusion Detection in SCADA Networks – Chuah</i> <i>Post-Disaster Network Security – Uluagac</i> <i>Detecting Compromised Devices – Uluagac</i> <i>Secure Time-Critical Communications – Li</i> <i>Cross-Layer and Cyber-Physical Moving Target Defense – Li</i> <i>Visualization – Reiners</i>	<b>FIU</b>
<b>2:00p-2:15p</b>	<b>Move to next session</b>	<b>FIU</b>
<b>2:15p-3:15p</b>	<b>Breakout Sessions</b> <b>Subject 1: Data Integrity and Security Data Analytics (2/2)</b> Facilitator: Jia Di <i>Data Integrity Attack – Sinopoli</i> <i>Mitigating Data Falsification Attacks in Automatic Generation Control – Li</i> <i>Topology Attack – Kar</i> <i>Detecting Anomalous PMU Data – Blum</i> <i>Identifying Compromised Smart Grid Components – Chuah</i> <i>Visualization – Neira</i>  <b>Subject 2: Secure Communication Infrastructure and Devices (2/2)</b> Facilitator: Shannon G. Davis <i>Botnet and Intrusion Detection in SCADA Networks – Chuah</i> <i>Post-Disaster Network Security – Uluagac</i> <i>Detecting Compromised Devices – Uluagac</i> <i>Secure Time-Critical Communications – Li</i> <i>Cross-Layer and Cyber-Physical Moving Target Defense – Li</i> <i>Visualization – Reiners</i>	<b>FIU</b>
<b>3:15p-4:00p</b>	<b>Smart Grid Test Bed Tours</b>	<b>FIU</b>



**SEEDS**  
CYBERSECURITY CENTER FOR  
SECURE EVOLVABLE ENERGY DELIVERY SYSTEMS

*Annual Meeting*  
*Florida International University (FIU) – Miami, FL*  
*Meeting Agenda – January 18-19, 2017*

<b>Wednesday, January 18, 2017</b>		<b>Location</b>
<b>4:00p-4:30p</b>	<b>Recap of Day One</b>	<b>FIU</b>
<b>4:30p-5:30p</b>	<b>Transfers to Hotel</b>	
<b>6:30p-8:30p</b>	<b>Reception - Poster &amp; Demonstration Exhibits</b> <ul style="list-style-type: none"><li>• Heavy Hors d'oeuvres</li><li>• Poster Session (7:00pm-8:00pm)</li><li>• Demonstrations</li></ul>	<b>FIU Panther Pit</b>



<b>Thursday, January 19, 2017</b>		<b>Location</b>
<b>7:00a-8:00a</b>	<b>Breakfast</b>	<b>Hilton Miami Airport</b>
<b>8:00a-8:45a</b>	<b>Transfers to FIU</b>	
<b>8:45a-9:35a</b>	<b>Industry Presentations (30 min presentation, 5 minutes Q&amp;A)</b> Facilitator: Alan Mantooth <i>Presenter: Craig Miller – National Rural Electric Cooperative Association</i>	<b>FIU</b>
<b>9:35a-10:20a</b>	<b>Presentation of Subject 3: Cybersecurity Management –</b> Qinghua Li <b>Presentation of Subject 4: Secure Emerging Power Grid Components and Services –</b> Parv Venkitasubramaniam	<b>FIU</b>
<b>10:20a-10:30a</b>	<b>Move to next session</b>	<b>FIU</b>
<b>10:30a-11:30a</b>	<b>Breakout Sessions</b> <b>Subject 3: Security Management (1/2)</b> Facilitator: Jia Di <i>Cybersecurity Configuration Management – Li</i> <i>Visualization of Situation Awareness – Sarwat</i> <i>Intelligent Agent Collaboration for Smart Grid Threat Identification and Visualization – Pons</i> <i>Optimization Tool for Allocating Security Resources – Snyder</i> <i>Visualization – Neira</i>  <b>Subject 4: Secure Emerging Power Grid Components and Services (1/2)</b> Facilitator: Shannon G. Davis <i>Co-design of Security-Aware Microgrid – Mohammad</i> <i>Misuse of DSM – Venkitasubramaniam</i> <i>Secure Smart Metering Communications – Akkaya</i> <i>Pricing Attacks – Lamadrid</i> <i>Visualization – Reiners</i>	<b>FIU</b>
<b>11:30a-12:30p</b>	<b>Lunch</b>	<b>FIU</b>



<b>Thursday, January 19, 2017</b>		<b>Location</b>
<b>12:30p-1:30p</b>	<b>Breakout Sessions</b> <b>Subject 3: Security Management (2/2)</b> Facilitator: Jia Di <i>Cybersecurity Configuration Management – Li</i> <i>Visualization of Situation Awareness – Sarwat</i> <i>Intelligent Agent Collaboration for Smart Grid Threat Identification and Visualization – Pons</i> <i>Optimization Tool for Allocating Security Resources – Snyder</i> <i>Visualization – Neira</i>  <b>Subject 4: Secure Emerging Power Grid Components and Services (2/2)</b> Facilitator: Shannon G. Davis <i>Co-design of Security-Aware Microgrid – Mohammad</i> <i>Misuse of DSM – Venkitasubramaniam</i> <i>Secure Smart Metering Communications – Akkaya</i> <i>Pricing Attacks – Lamadrid</i> <i>Visualization – Reiners</i>	<b>FIU</b>
<b>1:30p-1:45p</b>	<b>Break</b>	<b>FIU</b>
<b>1:45p-2:45p</b>	<b>IAB Meeting</b> (IAB Members; Facilitator: Philip Huff) <b>Project Management Meeting</b> (Faculty; Facilitator Alan Mantooth) <b>Students &amp; Industry-Student Poster Session for DoE</b>	
<b>2:45p-3:45p</b>	<b>Workforce Development Meeting</b>	<b>FIU</b>
<b>3:45p-4:30p</b>	<b>Wrap-Up &amp; Poster Award Winner Announced</b> <b>Photo Opportunity, Group Photo</b>	<b>FIU</b>
<b>4:30p-5:30p</b>	<b>Transfers to Hotel</b>	