

## Workshop on Analytics and Security for Cyber Physical Systems

Northwest Institute for Advanced Computing (NIAC)

### AGENDA

#### June 19, 2017

TIME	TOPIC	SPEAKER
11:25 – 11:40 am	Registration/Refreshments	
11:40 – 11:45 am	Welcome	John Feo – NIAC Co-Director at PNNL
11:45 – 11:55 am	Workshop Introduction	Mark Raugas – Chief Scientist, Applied Math and Cyber Security at PNNL
11:55 am – 12:25 pm	PNNL Cybersecurity Strategy	Tony Peurrung – Associate Lab Director at PNNL
12:25 – 12:35 pm	Q&A Session with Tony Peurrung	
12:35 – 01:05 pm	Cybersecurity Research Transition To Practice (TTP) Acceleration Program	Emily Nichols – Innovation Program Manager at Internet2
01:05 – 02:20 pm	Panel: Contemporary Problems and Challenges  Moderator: Ann Lesperance – Director, Northwest Regional Technology Center	<ul style="list-style-type: none"> <li>◦ Allen Avery – Intelligence Analyst, Cyber and Critical Infrastructure at Washington State Fusion Center</li> <li>◦ Matt Beaumont – Power Supervisor, cybersecurity at Tacoma Power</li> <li>◦ Major Adam DiPetrillo – Chief, Cyber Division at Washington Air National Guard</li> <li>◦ David Sasaki – Naval Undersea Warfare Center Division Keyport</li> <li>◦ Matthew Modarelli – Chief Information Officer at WA State Military</li> </ul>
02:20 – 02:30 pm	BREAK	
02:30 – 03:45 pm	Panel: Workforce Development and Training  Moderator: Bill Pike – Division Director, Computing and Analytics at PNNL	<ul style="list-style-type: none"> <li>◦ Jamie Hughes – Manager, Computing and Analytics at PNNL</li> <li>◦ Erik Fretheim – Computer and Information Systems security Program Director at Western Washington University</li> <li>◦ Ian Gorton – Professor and Director of Computer Science at Seattle Campus at Northeastern University</li> <li>◦ Morgan Zantua – Director of Workforce Development for Center for Information Assurance Cybersecurity (CIAC) at UW Tacoma</li> </ul>

#### June 20, 2017

TIME	TOPIC	SPEAKER
08:00 – 08:30 am	Registration/Refreshments	
08:30 – 08:40 am	Day One Recap	John Feo – NIAC Co-Director at PNNL

<b>08:40 – 09:10 am</b>	Understanding Cloud Security	Scott Paddock – Security Solutions Architect at Amazon Web Services
<b>09:30 – 10:45 am</b>	Panel: Policy and Legal Regulations  Moderator: Sarah Frazar – Policy and Training Advisor at PNNL	<ul style="list-style-type: none"> <li>◦ Scott David – Director of Policy, Center for Information Assurance and Cybersecurity at UW</li> <li>◦ Dave Dittrich – Cyber Security Researcher, Center for Data Science at UW Tacoma</li> <li>◦ Scott Godwin – Manager, Computing and Analytics Division at PNNL</li> <li>◦ Jacob Vigdor – Director, Applied Public Policy Lab at UW</li> </ul>
<b>10:45 – 11:15 am</b>	Cyber-physical testbeds for security and resilience experimentation	Thomas Edgar – Cyber Security Researcher at Pacific Northwest National Laboratory
<b>11:15 – 11:45 am</b>	Securing Telerobotic Systems	Howard Chizeck – Professor, Department of Electrical Engineering at UW
<b>11:45 am – 12:15 pm</b>	Multi-range Decoy I/O Defense of Electrical Substations against ICS Malware	Julian Rrushi – Assistant Professor at Western Washington University
<b>12:15 – 12:45 pm</b>	Lunch/Networking	PROVIDED
<b>12:45 – 01:15 pm</b>	Cyber-Physical Systems for Smart Cities	Greta Knappenberger – Director, Smart Cities and IoT at iSoftstone North America
<b>01:15 – 01:45 pm</b>	Counter-UAS: SRC’s SilentArcher™ Systems of Systems Solution Using Radar, Full Motion Video (FMV), and Electronic Warfare (EW)	Mike Wheeler – Lead S/W Engineer at SRC
<b>01:45 – 02:15 pm</b>	CyberPhysical/IoT System Implementation/Mitigating	Chuck Benson – Assistant Director for IT, Facilities Services at UW
<b>02:15 – 03:30 pm</b>	Panel: Wrap-up  Moderator: David Manz – Cyber Security Researcher at PNNL	<ul style="list-style-type: none"> <li>◦ Kirk Bailey – Associate Vice President and Chief Information Security Officer at UW</li> <li>◦ Sarah Frazar – Policy Specialist at PNNL</li> <li>◦ Glenn Fink – Researcher, Secure Cyber Systems Group at PNNL</li> <li>◦ Matthew Modarelli – Chief Information Officer at WA State Military</li> <li>◦ Nick Multari – Project Manager, Science of Cyber Security at PNNL</li> <li>◦ Bill Pike – Division Director, Computing and Analytics at PNNL</li> <li>◦ Jim Reavis – CEO at Cloud Security Alliance</li> </ul>