Industrial Cybersecurity Community of Practice Spring 2022 Workshop

‘Developing Industrial Cyber Personnel Instead of Chasing Purple Unicorns’
Thursday, May 19, 2022 • 10:00 AM – 2:00 PM MT

10:00 Welcome, Agenda Overview
INL Leadership, National and Homeland Security (N&HS)

10:10 Industry Keynote(s)
Leo Simonovich, Siemens Energy, Vice-Pres. and Global Head, Industrial Cyber and Digital Security
• Large Industry Focus
Glenn Merrell, Freelance Consulting, CAP, ISA99-WG03, WG8, WG10 Committees Co-Chair
Jon Theander, Premier Technology, Inc., Information Technology Manager
• Small-Medium Industry Focus

10:00 5-minute break

11:05 COP Description (Division of Labor, ISA integration, …)
Ralph Ley, Dept. Manager, Workforce Development and Training, IAA National Homeland Security

11:10 Curriculum and Standards: Addressing KST’s and Industry Gaps
Dr. Sean McBride, Idaho State University
• Program of work overview
• Knowledge survey results
• Next steps for curricular guidance
• Future Focus on Tasks
Karen Wetzel, Manager of the NICE Framework, NICE/NIST, U.S. Dept. of Commerce
• NICE/NIST Standards – Updates: what is being done to integrate OT?

11:55 5-minute break

12:00 Industry Panel: ‘State’ of Cyber WFD: Regional ecosystems as models to scale
Eleanor Taylor, INL, Cybercore PM, University Partnerships & Workforce Development
• Panelists:
  Cyber AZ: Craig Coccioia / Susan Morris
  Cyber TX: Joe Sanchez
  Cyber WY: Laura Baker
  Cyber-FL: Mai Ensmann
  Cyber-ID: Keith Tresh; Domini Clark

12:45 Industry, Academia, and Training Providers: Integrated approaches to training cyber personnel
Dr. Paris Stringfellow, Executive Vice President CyManII, TrustWorks-aaS
• CyManII Mission and ICS COP integration, involvement, and support
Dr. Shane D. Stailey, INL, Training Development & Strategy Manager, IAA, N&HS
• Update ~ Community Cyber Education and Resource Hub Project (Ralph Ley)
• Update ~ Workforce Effectiveness Assessment Process (Cyber-CHAMP)

1:05 5-minute break

1:10 Panel: Attracting more cyber personnel that are ‘job ready’ to the cyber industrial workforce
Dr. Sean McBride, Idaho State University, ESTEC Cybersecurity Program Director
• Panelists:
  Instructor(s): Ben Lampe (Cybersecurity Instructor, ISU, ESTEC)
  Student: Bracken Howell 1st Semester Industrial Cybersecurity
  Alumnus: Travis Malzone (sp)
  Hiring Manager: Andrew Ohrt – West Yost
  Apprenticeships: Dustin Pogue (Siemens Energy)

1:50 Wrap-up, Future Work
Andre Ristaino - ISA (International Society of Automation)