



Agenda

FIRST DAY: DRAFT INTEGRATED CPS FRAMEWORK

Tuesday, April 7

(all times are Eastern time, 8:30 am to 5:30 pm)

8:30 – 8:35	Welcome ➤ Howard Harary, NIST
8:35 – 9:00	Opening Remarks ➤ Chris Greer, NIST
9:00 – 9:10	CPS PWG Update/Workshop Agenda ➤ David Wollman, NIST
9:10 – 9:20	CPS Reference Architecture: Big Picture – Process, Facets and Aspects ➤ Abdella Battou, NIST
9:20 – 9:50	CPS Reference Architecture: Definitions and Crosscutting Example ➤ Xenofon Koutsoukos/Janos Sztipanovits, Vanderbilt University
9:50 – 10:10	CPS Reference Architecture: System Facet ➤ Shi-Wan Lin, Intel
10:10 – 10:25	CPS Reference Architecture: Engineering Facet ➤ Xenofon Koutsoukos/Janos Sztipanovits, Vanderbilt University
10:25 – 10:45	CPS Reference Architecture: Assurance Facet ➤ Ed Griffor, Fiat Chrysler Automobiles
10:45–11:00	Networking Break
11:00 – 11:20	Cybersecurity Subgroup Perspective (Aspects: Trustworthiness ...) ➤ Claire Vishik, Intel
11:20 – 11:40	Timing Subgroup Perspective (Aspects: Timing) ➤ Hugh Melvin, NUI Galway and Marc Weiss, NIST
11:40 – 12:00	Data Interoperability Subgroup Perspective (Aspects: Data) ➤ Marty Burns, NIST; Larry Lannom, CNRI; Peggy Irelan & Eve Schooler, Intel
12:00 – 12:20	Use Cases Subgroup Perspective ➤ Eric Simmon, NIST
12:20 – 12:45	Motivation/Instructions for Afternoon Breakouts: David Wollman/Joan Pellegrino
12:45 – 1:55	Lunch NIST Cafeteria (on your own)
2:00 – 4:30	Breakouts: Test Driving the Draft Framework ➤ Explore facets and aspects in the context of selected application scenarios to help identify gaps, gain feedback on language and definitions, and optimize utility of the draft CPS framework
4:30 – 5:00	Day 1 Observations and Group Q&A ➤ Moderator: David Wollman

SECOND DAY: CPS ROADMAPPING

Wednesday, April 8

(all times are Eastern time, 8:30 am to 3:30 pm)

8:30 – 8:35	Welcome Back and Opening Remarks ➤ Chris Greer, NIST and David Wollman, NIST
8:35 – 9:00	Global Cities Teams Challenge: Overview and Relationship w/CPS PWG ➤ Sokwoo Rhee, NIST
9:00 – 10:15	Breakout Reports, Group Discussion of Draft Framework Feedback ➤ Co-chairs and additional participants
10:15 – 10:30	Draft CPS Framework Review/Improvement Plan and Timeline ➤ David Wollman, NIST
10:30 – 10:45	CPS PWG Roadmapping Process and Goals ➤ Chris Greer, NIST
10:45 – 11:00	Networking Break (and move to breakouts)
11:00 – 12:15	CPS PWG Working Group Breakouts: Path Forward ➤ Breakouts are organized by 5 existing CPS PWG subgroups to discuss facets/aspects, gaps and Framework improvements, evaluate role of subgroup, identify gaps in existing membership/structure, identify potential new subgroups.
12:15 – 1:15	Lunch NIST Cafeteria, on your own
1:15 – 3:00	Roadmapping Breakouts: Process Going Forward ➤ Inward focus: Breakouts are organized by topics for roadmap planning of work needed to address gaps in facet/aspect structure of draft Framework, including new proposed activities or subgroups from morning discussions. ➤ Outward focus: Second round of breakouts will facilitate brainstorming of external (organizational, multi-domain) environment for CPS and desired CPS PWG engagement and coordination, identification of key outward-focused activities and development of action plans to advance CPS field.
3:00 – 3:10	Move to Main Room
3:10 – 3:30	Key Roadmapping Takeaways and Concluding Remarks/Next Steps ➤ Chris Greer, NIST and David Wollman, NIST
3:30	Workshop Concludes