

**Draft Agenda**  
**NIST Cyber-Physical Systems Public Working Group (CPS PWG)**  
**April 2015 Face-to-Face Meeting**  
**April 7-8, 2015**  
**NIST, Gaithersburg, MD**

**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 Ref Arch: Definitions and Crosscutting Example – Janos Sztipanovits, Vanderbilt Univ.
- 9:50 – 10:10 CPS Ref Arch: System Facet – Shi-Wan Lin, Intel
- 10:10 – 10:25 CPS Ref Arch: Engineering Facet – Janos Sztipanovits, Vanderbilt Univ.
- 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: Risk ...) – TBD (Cybersecurity subgroup)
- 11:20 – 11:40 Timing subgroup perspective (Aspects: Timing) – TBD (Timing)
- 11:40 – 12:00 Data Interoperability subgroup perspective (Aspects: Data) – TBD (Data Interop)
- 12:00 – 12:20 Use Cases subgroup perspective: TBD (Use Cases)
- 12:20 – 12:45 Motivation/Instructions for Afternoon Breakouts: TBD
- 12:45 – 1:55 Lunch
- 2:00 – 5:00 Breakouts: Test Driving the Draft Framework – Two rounds of breakouts, organized by a few selected use cases to facilitate an exploration of facets and aspects in application contexts, with goal to identify what is useful and what needs to be improved and to enable discussion, feedback and brainstorming
- 5:00 – 5:30 Day 1 Observations and Group Q&A – David Wollman, moderator

**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 – 8:55 Global Cities Teams Challenge: Overview, Relationship w/CPS PWG – Sokwoo Rhee, NIST
- 8:55 – 11:00 Breakout Reports and CPS PWG Discussion of Draft Framework – multiple people, co-chairs
- 11:00 – 11:15 Draft CPS Framework Review/Improvement Plan and Timeline – David Wollman, NIST
- 11:15 – 11:30 CPS PWG Roadmapping Process and Goals – Chris Greer, NIST
- 11:30 – 12:30 Roadmapping Breakouts: Process going forward – first set of breakouts will have an inward focus, including breakouts on improving the draft Framework, including discussion of the potential for new activities to further develop Assurance Facet, Risk Aspect, and other work.
- 12:30 – 1:30 Lunch
- 1:30 – 2:15 Roadmapping Breakouts continue, with a focus on process
- 2:15 – 3:00 Roadmapping Breakouts – this third set of breakouts will have an outward focus on process, including discussion of needed actions, organizations and coordination, standards needed to support use, pathway to implementation, and other topics.
- 3:00 – 3:30 Key Roadmapping Takeaways and Concluding Remarks/Next Steps – TBD
- 3:30 Workshop concludes