SCHEDULE

7:30 a.m.  Registration

8:30 a.m.  Welcome Remarks
  John Forte, Johns Hopkins Applied Physics Laboratory

8:45 a.m.  Keynote 1: Paradigm Shift: First Responders Impact on 5G
  CDR John K. Merrill, U.S. Coast Guard (Ret.) Department of Homeland Security S&T

Government And Regulator Sub-Track
9:15 a.m.  FCC’s Actions to Ensure U.S. Leadership in 5G
  Julius Knapp, Federal Communications Commission

9:35 a.m.  Enabling Service Continuity for First Responder Communications
  Dr. David Griffith, National Institute for Standards and Technology

9:55 a.m.  NSF Support for Next Generation Wireless Networks and Dynamic Spectrum Sharing
  Dr. Alexander Sprintson, National Science Foundation

10:15 a.m.  Exhibits and Demos

10:30 a.m.  Keynote 2: Learning at the Edge
  Prof. Vince Poor, Princeton University

Research Labs Sub-Track
11:00 a.m.  5G in Crisis and Emergency Operations
  Dr. Tony DeSimone, Johns Hopkins Applied Physics Laboratory

11:20 a.m.  5G Security: Building Blocks for Secure and Resilient Networks
  Dr. Charles Clancy, MITRE

11:40 a.m.  Leveraging 5G Networks for Tactical Army Communications: The Good, The Bad, and The Ugly
  Jack Burbank, Sabre Systems

12:00 p.m.  Networking Lunch

Operator Sub-Track
1:00 p.m.  AT&T 5G Optimization and Reliability
  Dr. Kathy Meier-Hellstern, AT&T

1:20 p.m.  5G Empowering the Smart Network
  Dr. Sanyogita Shamsunder, Verizon

1:40 p.m.  Role of Satellite Communications for Public Safety in the 5G Era
  Dr. Lin-Nan Lee, Hughes Networks

Test, Tools, And Measurement Sub-Track
2:00 p.m.  5G Explores Options to Address Reliability and Latency
  James Kimery, National Instruments

2:20 p.m.  Test Assets for 5G Tactical and Public Safety Networks
  Dr. Raymond Shen, Keysight

2:40 p.m.  5G for Airborne Mobile Telemetry
  Dr. Tony Triolo, Perspecta Labs

3:00 p.m.  Exhibits and Demos

Vendor Sub-Track
3:20 p.m.  5G eMBB is Here! More 5G is Coming!
  Dr. Ed Tiedeman, Qualcomm

3:40 p.m.  IEEE 802.11: Wi-Fi 6 and Beyond
  Dorothy Stanley, HPE, IEEE 802.11 Chair

4:00 p.m.  Non-Terrestrial Networks for 5G New Radio
  Dr. Rapeepat Ratasuk, Nokia

4:20 p.m.  Heterogeneous Integration and How it Enables 5G Modules
  Frank Ferrante, Intel

4:40 p.m.  Keynote 3: DoD and 5G
  Dr. Lisa Porter, Deputy Undersecretary of Defense (R&E)

Open Source Sub-Track
5:10 p.m.  Towards the Construction of Reliable 5G Infrastructure
  Dr. Hiroaki Kamoda, METI

5:30 p.m.  SDN-Enabled Mobile Edge Cloud Enabling Tactical and First Responder Networks
  Dr. Oguz Sunay, Open Networking Foundation

5:50 p.m.  An Overview of the Open Air Interface Community and Applications in Public-Safety Networks
  Prof. Raymond Knopp, Open Air Interface

6:10 p.m.  City Scale Testbed for Emergency Orchestration with ONAP/ORAN
  Dr. Ivan Seskar, WINLAB

6:30 p.m.  Wrap-up and Closing Remarks

6:30 p.m.  Reception