7:00 AM – 8:30 AM	Networking Breakfast
8:30 AM – 8:40 AM	**Welcome** *Speaker: Dr. Steven H. Walker, Director, DARPA*
8:40 AM – 9:10 AM	**Keynote** *Speaker: Dr. Josh Tenenbaum, Professor, Massachusetts Institute of Technology, Department of Brain and Cognitive Sciences*
9:10 AM – 9:35 AM	**Explainable AI** *Speaker: Dr. David Aha, Acting Director, Navy Center for Applied Research in AI, U.S. Naval Research Laboratory*
9:35 AM – 10:00 AM	**Accelerating Chemistry with AI** *Speaker: Dr. Anne Fischer, Program Manager, DARPA / Defense Sciences Office*
10:00 AM – 10:25 AM	**AI for Augmented Intelligence** *Speaker: Dr. Joshua Elliott, Program Manager, DARPA / Information Innovation Office*
10:25 AM – 10:55 AM	Networking Break
10:55 AM – 11:20 AM	**Data-Driven Discovery of Models** *Speaker: Mr. Wade Shen, Program Manager, DARPA / Information Innovation Office*
11:20 AM – 11:45 AM	**Spectrum Collaboration Challenge** *Speaker: Dr. Paul Tilghman, Program Manager, DARPA / Microsystems Technology Office*
11:45 AM – 12:10 PM	**AI-Enabled Design** *Speaker: Dr. Jan Vandenbrande, Program Manager, DARPA / Defense Sciences Office*
12:10 PM – 1:40 PM	Networking Lunch
1:40 PM – 2:55 PM	**AI R&D Ethics** *Speaker: Dr. Richard Danzig, National Security Consultant* *Speaker: Dr. Patrick Lin, Director, Ethics + Emerging Sciences Board, California Polytechnic State University* *Speaker: Dr. Heather Roff, Senior Research Analyst, Johns Hopkins University Applied Physics Laboratory* *Speaker: Mr. Paul Scharre, Senior Fellow and Director, Technology and National Security Program, Center for a New American Security*
2:55 PM – 3:20 PM	**Network Cyber Defense at Scale** *Speaker: Mr. Jacob Baxter, Senior Research Scientist, PUNCH Cyber*
3:20 PM – 3:45 PM	**Advances in Natural Language Understanding** *Speaker: Dr. Pedro Szekely, Principal Scientist and Research Director, Center on Knowledge Graphs, USC Information Sciences Institute*
3:45 PM – 4:15 PM	Networking Break
4:15 PM – 4:40 PM	**AI for Software Engineering** *Speaker: Dr. Sandeep Neema, Program Manager, DARPA / Information Innovation Office*
4:40 PM – 5:05 PM	**Tactical Autonomy Decision Frameworks** *Speaker: LTC Philip Root, Program Manager, DARPA / Tactical Technology Office*
5:30 PM – 7:00 PM	**Networking Reception**

7:00 AM – 8:30 AM	Networking Breakfast
8:30 AM	**Welcome** *Speaker: Dr. Peter Highnam, Deputy Director, DARPA*
8:30 AM – 8:35 AM	**Executive Branch Perspective** *Speaker: Mr. Michael Kratsios, Deputy Assistant to the President for Technology Policy, Office of Science and Technology Policy*
8:35 AM – 9:00 AM	**A New Paradigm of Brain-Computer Interface** *Speaker: Dr. Brock Wester, Project Manager and Assistant Group Supervisor, Johns Hopkins University Applied Physics Laboratory* *Speaker: Mr. Kapil Katyal, Project Manager and Section Supervisor, Johns Hopkins University Applied Physics Laboratory*
9:00 AM – 9:25 AM	**Physics of Artificial Intelligence** *Speaker: Mr. Ted Senator, Program Manager, DARPA / Defense Sciences Office*
9:25 AM – 9:50 AM	**Software-Defined Hardware** *Speaker: Mr. Wade Shen, Program Manager, DARPA / Information Innovation Office*
9:50 AM – 10:35 AM	Networking Break
10:35 AM – 11:00 AM	**Lifelong and Robust Machine Learning** *Speaker: Dr. Hava Siegelmann, Program Manager, DARPA / Information Innovation Office*
11:00 AM – 11:25 AM	**Synergistic Discovery and Design** *Speaker: Dr. Jennifer Roberts, Program Manager, DARPA / Information Innovation Office*
11:25 AM – 11:50 AM	**Assurance for Machine Learning** *Speaker: Dr. Sandeep Neema, Program Manager, DARPA / Information Innovation Office*
11:50 AM – 1:20 PM	Networking Lunch
1:20 PM – 1:45 PM	**Media Forensics** *Speaker: Dr. Matt Turek, Program Manager, DARPA / Information Innovation Office*
1:45 PM – 2:10 PM	**Radio Frequency Machine Learning Systems** *Speaker: Mr. Enrico Mattei, Senior Research Scientist, Expedition Technology*
2:10 PM – 2:35 PM	**DARPA Future R&D in AI** *Speaker: Dr. Peter Highnam, Deputy Director, DARPA*
2:35 PM – 4:00 PM	Informal Networking