Tuesday, February 14, 2017		
8:00-9:00	Continental breakfast and registration	
9:00-9:30	Welcome and Introduction – DOE Perspective	
9:30-10:00	Plenary 1: Quantum Processors Based on Ion Traps	Chris Monroe University of Maryland
10:00-10:30	Plenary 2: Quantum Processors Based on Superconducting Qubits	Will Oliver MIT/Lincoln Labs
10:30-11:00	Break	
11:00-11:30	Plenary 3: Near-term Practical Applications of Quantum Devices	Jarrod McClean LBNL
11:30-12:00	Plenary 4: Evaluating the Efficacy of Quantum Hardware	Robin Blume-Kohout SNL
12:00-1:00	Working lunch	
1:00-2:15	Lab Presentations 1	ANL, FNAL, LANL
2:15-2:30	Break	
2:30-3:45	Lab Presentations 2	LBNL, LLNL, ORNL
3:45-4:00	Break	
4:00-5:15	Lab Presentations 3	PNNL, SLAC, SNL
5:15-5:30	Wrap-up, instructions for Day 2	

Wednesday, February 15, 2017		
8:00-9:00	Continental breakfast	
9:00-9:30	Introduction to Day 2	
9:30-10:30	 Breakout Sessions: 1. Best practices for management of and access to a quantum testbed 2. Staffing and workforce considerations for a quantum testbed 3. User community development and interactions for a quantum testbed 	
10:30-11:00	Break	
11:00-12:00	Breakout Sessions Resume	
12:00-1:00	Working lunch	
1:00-2:30	Co-design for Quantum Computing: Presentations and Discussion	
2:30-3:45	 Breakout Sessions: 1. Models for system design and testing – <i>Technical 1</i> 2. Analog quantum simulation – <i>Technical 2</i> 3. Superconducting qubits – <i>Technical 3</i> 4. Emerging qubit technologies – <i>Technical 4</i> 	
3:45-4:00	Break	
4:00-5:15	Breakout Sessions Resume: 1. Validation and verification – <i>Technical 1</i> 2. Tools for making a testbed usable – <i>Technical 2</i>	

	 3. Trapped ion qubits – <i>Technical 3</i> 4. Interconnects – <i>Technical 4</i>
5:15-5:30	Wrap-up, instructions for Day 3

Thursday, February 16, 2017		
8:00-9:00	Continental breakfast	
9:00-10:30	Review and Discussion of Day 2 Breakout Sessions	
10:30-11:00	Break	
11:00-12:30	Industry Panel	
12:30-2:00	Working lunch and Industry Breakouts:	
	Ecosystem	
	2. Constructing Functional Quantum Computers	
2:00-2:45	Review and Discussion of Industry Breakout Sessions	
2:45-3:00	Summary and Conclusions	
3:00	Adjourn	