	Tuesday 26 July (Workshop)	Wednesday 27 July (Workshop)	Thursday 28 July (D-Wave Exploration Day)*
09:00 – 09:30	Registration / Coffee		**Mark Johnson** *D-Wave Systems, Inc* D-Wave 2X Hardware Characteristics
09:30 – 09:45	Opening	**Randall Correll** *QC Ware Corp.* Quantum Annealing for the Enterprise: Platform and Applications	
09:45 – 10:00			
10:00 – 10:45	**Bo Ewald** *D-Wave International, Inc* An Introduction to Quantum Computing, D-Wave Style	**Daryl Nazareth** *Roswell Park Cancer Institute* Quantum Annealing Applied to Optimization Problems in Radiation Medicine	
10:45 – 11:00	Discussion	Discussion	
11:00 – 11:30	Coffee Break	Coffee Break	Coffee Break
11:30 – 12:15	**Kristel Michielsen** *Forschungszentrum Jülich* Solving Hard 2-SAT Problems on a D-Wave Two System	**Steve Adachi** *Lockheed Martin* Near-Term Applications of Quantum Annealing	**Denny Dahl** *D-Wave Systems, Inc* D-Wave 2X Introduction to Programming / Visualization Tools
12:15 – 12:30	Discussion	Discussion	
12:30 – 14:00	Group Photo / Lunch	Lunch	Lunch
14:00 – 14:45	**Davide Venturelli** *USRA - Quantum AI Laboratory NASA Ames* Solving Planning and Scheduling Problems with Quantum Annealers: Status and Challenges	**Federico Spedalieri** *University of Southern California* Overcoming Limitations of Quantum Annealers	**Denny Dahl** *D-Wave Systems, Inc.* D-Wave 2X Software Programming Exercise 1: Embedding
14:45 – 15:00	Discussion	Discussion	
15:00 – 15:30	**Guglielmo Mazzola** *ETH Zürich* Simulating Quantum Annealing with Quantum Monte Carlo	Closing	
15:30 – 15:45		Coffee Break	
15:45 – 16:00	Discussion		
16:00 – 16:30	Coffee Break	**Preparation for D-Wave Exploration Day*** **Mark Johnson** *D-Wave Systems, Inc* Next Generation Quantum Annealing Processors	Coffee Break
16:30 – 17:00	**Tobias Stollenwerk** *German Aerospace Center (DLR)* Quantum Annealing for Air Traffic Management		**Denny Dahl** *D-Wave Systems, Inc.* D-Wave 2X Software Programming Exercise 2: Solver API (SAPI)
17:00 – 17:15		Coffee Break	
17:15 – 17:30	Discussion	**Denny Dahl** *D-Wave Systems, Inc* An Insight into Quantum Computing Programming	
17:30 – 18:00	**Mark Novotny** *Mississippi State University* Explorations on Quantum Annealers: Past, Present and Future		Closing
18:00 – 18:15			
18:15 – 18:30	Discussion		
18:30 –	Reception	Dinner	

* Participation in the D-Wave Exploration Day is reserved for invited speakers, invited and selected participants