Day 1: Wednesday, May 25, 2016
8:00 Welcome & Opening Remarks
Prof. Anna Stefanopoulou, ARC Director
8:15 Keynote
Dr. Robert Sadowski, Army Chief Roboticist, U.S. Army TARDEC
8:45 Keynote
Dr. Lars Nielsen, Director, Wallenberg Autonomous Systems Program, Professor of Vehicular Systems, Linköping University
9:15 Keynote
Mr. John Koszewnik, Chief Technical Officer, Achates Power
9:45 Networking Break
10:30 Case Study 1
Surviving a Crash in a Light Tactical Vehicle: A Study on Airbags Combining Testing, Modeling, and Optimization
11:15 Case Study 2
Reliability Optimization of Tank Tread Meta-Material Design
12:00 pm Lunch
1:30 Parallel Technical Session 1
1A: Unmanned Ground Vehicles
1B: Advanced Powertrains - Fuels
3:00 Technical Session 2
2A: Vehicle Dynamics & Autonomy
2B: Systems Integration/Optimization
4:00 - 5:30 Poster Session & Networking
Day 2: Thursday, May 26, 2016
8:00 Poster Session & Networking
8:50 Welcome
Prof. André Boehman, ARC Associate Director
9:00 Keynote
Dr. Patrick McGrath, Program Director, ARPA-E
9:30 Case Study 3:
High-utilization Battery Management System with Battery Stress/Strain Measurements
10:15 Networking Break
10:45 Technical Session 3
3A: Advanced Powertrains - Electrification
3B: High Performance Structures
12:00 Closing Remarks and Award Presentation
Dr. David Gorsich, Chief Scientist, U.S. Army TARDEC
12:30 - 2:00 pm Post Review Networking