ASSURE 2017 Program

09:00 – 10:30  Session 1. Welcome, Introduction, Keynote and Assurance Case Frameworks
09:00 – 09:05  Welcome and Introduction
09:05 – 10:00  Keynote. Making the Case for Safety of Machine Learning in Highly Automated Driving
Simon Burton (with Lydia Gauerhof and Christian Heinzemann)
10:00 – 10:30  A Thought Experiment on Evolution of Assurance Cases—-from a Logical Aspect
Y. Kinoshita and S. Kinoshita

10:30 – 11:00  Morning Coffee/Tea Break

11:00 – 12:30  Session 2. Assurance Case Tool Support
11:00 – 11:30  Uniform Model Interface for Assurance Case Integration with System Models
A. Wardziński and P. Jones
11:30 – 12:00  ExplicitCase: Integrated Model-based Development of System and Safety Cases
C. Cârlan, S. Barner, A. Diewald, A. Tsalidis and S. Voss
12:00 – 12:30  D-Case Communicator: A Web-Based GSN Editor for Multiple Stakeholders
Y. Matsuno

12:30 - 13:30  Lunch Break

13:00 - 15:30  Session 3. Assurance Cases for Security
13:30 – 14:00  Reconciling Systems-Theoretic and Component-Centric Methods for Safety and Security
Co-Analysis
W. Temple, Y. Wu, B. Chen and Z. Kalbarczyk
14:00 – 14:30  Towards combined safety and security constraints analysis
D. Pereira, C. Hirata, R. Pagliares and S. Nadjm-Tehrani
14:30 – 15:00  Attack Modeling for System Security Analysis and Assurance Case
A. Altawairqi and M. Maarek
15:00 – 15:30  Using an Assurance Case Framework to Develop Security Strategy and Policies
R. Bloomfield, P. Bishop, E. Butler and K. Netkachova

15:30 - 16:00  Afternoon Coffee/Tea Break

16:00 - 17:25  Session 4. Guided Discussion

17:25 - 17:30  ASSURE 2017 Conclusion and Wrap-Up