

# 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