

TTS Program 2016

Dependable systems: The enabler for future Autonomous Cars.

Friday 20 May 2016

- 12:30-14:00** Registration
- 14:00-15:30** Introduction and team building. Selecting team leaders and presenters
 - *Renske Oldenbook (Motiv, the Netherlands)*
- 15:30-16:00** Coffee Break
- 16:00-17:30** Flash presentations
 - *Each participant will give a short presentation about him- or herself.*
- 17:30-20:00** Reception & Dinner
- 16:00-17:30** Science and diversity/ card game

Saturday 21 May 2016

- 08:00-08:45** Registration
- 08:45-09:30** Lecture 1 (Trigger Talk): Challenges of Automotive Products: Quality, Reliability and Costs
 - *Jos van Beers (NXP, the Netherlands)*
- 09:30-09:45** Coffee Break
- 09:45-10:30** Lecture 2: Active Safety in Automotive: ABS and ESC and Beyond
 - *Henk Nijmeijer (TU Eindhoven, the Netherlands)*
- 10:30-11:00** Coffee Break + preparation mini-conference
- 11:00-11:45** Lecture 3: Autonomous and Cooperative Driving: Why is it Different?
 - *Henk Nijmeijer (TU Eindhoven, the Netherlands)*
- 11:45-12:00** Coffee Break + preparation mini-conference
- 12:00-12:45** Lecture 4: Regaining Trust in Integrated Circuits: Threats and Mitigation Techniques
 - *Ozgur Sinanoglu (NYU Abu Dhabi, United Arab Emirates)*
- 12:45-14:00** Lunch + preparation mini-conference
- 14:00-14:45** Lecture 5: Regaining Trust in Integrated Circuits: Design-for-Trust
 - *Ozgur Sinanoglu (NYU Abu Dhabi, United Arab Emirates)*
- 14:45-15:00** Coffee Break + preparation mini-conference
- 15:00-15:45** Preparation for Mini-conference
- 16:00-22:00** Social Event and Scientific Quiz

Sunday 22 May 2016

- 08:45-09:30** Lecture 6: Design for Safety: Theory and Standards
 - *Riccardo Mariani (YOGITECH SPA, Italy)*
- 09:30-09:45** Coffee Break + preparation mini-conference

- 09:45-10:30** Lecture 7: Design for Safety: Application of ISO 26262 to Semiconductors
 - [Riccardo Mariani \(YOGITECH SPA, Italy\)](#)
- 10:30-11:00** Coffee Break + preparation mini-conference
- 11:00-11:45** Lecture 8: Design for Safety: Autonomous Driving Cars
 - [Riccardo Mariani \(YOGITECH SPA, Italy\)](#)
- 11:45-12:00** Coffee Break + preparation mini-conference
- 12:00-12:45** Lecture 9: System Architecting: the whole, more than the sum of the parts
 - Part I
 - [Sjir van Loo \(the Netherlands\)](#)
- 12:45-14:00** Lunch + preparation mini-conference
- 14:00-14:45** Lecture 10: System Architecting: the whole, more than the sum of the parts
 - Part II
 - [Sjir van Loo \(the Netherlands\)](#)
- 14:45-15:00** Coffee Break + preparation mini-conference
- 15:00-15:45** Lecture 11: System Architecting: the whole, more than the sum of the parts
 - Part III
 - [Sjir van Loo \(the Netherlands\)](#)
- 15:45-16:00** Coffee Break + preparation mini-conference
- 16:00-16:45** Lecture 12 (Closing Talk): NXP Automotive, Manufacturing Quality, Security and Innovation
 - [Jo Gunnes \(NXP, the Netherlands\)](#)
- 16:45-19:30** Preparation for Mini-conference
- 19:30-21:00** Dinner

Monday 23 May 2016

- 08:00-08:45** Mini-conference Group 1
- 08:45-09:00** Coffee Break
- 09:00-09:45** Mini-conference Group 2
- 09:45-10:00** Coffee Break
- 10:00-10:45** Mini-conference Group 3
- 10:45-11:00** Coffee Break
- 11:00-11:45** Mini-conference Group 4
- 12:00-14:00** Change of Venue (to Amsterdam) and Lunch
- 14:00-15:30** Lecture 13: Combining Structural and Functional Test Approaches Across System Levels: IC Test
 - [Matteo Sonza Reorda \(Politecnico di Torino, Italy\)](#)
- 15:30-16:00** Coffee Break
- 16:00-17:30** Lecture 14: Combining Structural and Functional Test Approaches Across System Levels: Board Test
 - [Artur Jutman \(Testonica, Estonia\)](#)