

RESEARCHERS DAY

The digitalized transportation system – Making it safe and secure

17 October 2017

Program

Morning session Conference room ENZO

- 09.00 **Opening Session**
Niklas Lundin, AstaZero
- 09.10 **Autonomous vehicles and the transportation system – Insights and challenges**
Hamid Zarghampour, Swedish Transport Administration
- 09.40 **The digital mine**
Peter Burman, Boliden
- 10.10 **Coffee and sandwich**
- 10.40 **Reinventing the steering wheel? Challenges and opportunities in traffic management**
Antoine de Kort, Ministry of Infrastructure and the Environment, Rijkswaterstaat
- 11.10 **Opportunities with 5G at AstaZero**
Magnus Castell, Ericsson
- 11.25 **The complex work with securing autonomous vehicles**
Tomas Olovsson, Chalmers

Lunch and demo session

	GROUP YELLOW	GROUP GREEN	GROUP RED
11.40	LUNCH	LUNCH	5 MIN PAUSE
11.45			DEMO iTRANSIT CITY AREA BUS 11.45
12.15			DEMO CHALMERS REVERE GARAGE AREA
12.45	DEMO CHALMERS REVERE GARAGE AREA	DEMO iTRANSIT CITY AREA BUS 12.45	LUNCH
13.15	DEMO iTRANSIT CITY AREA BUSS 13.15	DEMO CHALMERS REVERE GARAGE AREA	
13.45	5 MIN PAUSE		

RESEARCHERS DAY

Afternoon session Conference room ENZO

- 13.50 **ASGARD1 - Automotive radar verification system**
Kasra Haghighi, UniqueSec AB

- 14.05 **A cyber physical safety principle for autonomous and cooperative ITS – Towards efficient traffic flow under safety conditions**
Kenneth Östberg, RISE

- 14.20 **New legislation GDPR – How does it affect the digitalized transportation system?**
Astrit Morina, RISE

- 14.35 **Situation-based testing using guarded assertions**
Thomas Gustafsson, Scania, Avenir Kobetski, RISE SICS, Daniel Flemström, RISE SICS

- 14.50 **Coffee and something sweet**

- 15.15 **Collision avoidance at intersections in the presence of failures**
Vladimir Savic, Elad M. Schiller, Marina Papatriantalou, Chalmers

- 15.30 **HiFi Visual Target – Methods for measuring optical and geometrical characteristics of soft car targets for ADAS and AD**
Stefan Nord, Mikael Lindgren, Jörgen Spetz, RISE

- 15.45 **Lisco: A continuous approach in LiDAR point-cloud clustering**
Hannaneh Najdataei, Yiannis Nikolakopoulos, Vincenzo Gulisano, Marina Papatriantafilou, Chalmers

- 16.00 **Panel discussion**

- 16.30 **Closing**

- 16.40 **Bus departure**