



## Invitation & Program

### AstaZero Researchers Day – “Connected Transport”

*Symposium – May 10, 2016*

The symposium "AstaZero Researchers Day" (<http://goo.gl/Vlg9CM>) will be held on May 10, 2016 on the proving ground AstaZero in Sweden (<http://www.astazero.com>). The symposium serves as a forum for researchers, experts, and practitioners to explore and discuss recent research results, challenges, and opportunities in the area of intelligent and safe vehicular systems.

#### Description

Nowadays, modern vehicles are powered by complex functions for comfort, safety, and even semi-autonomous driving. These functions range from lane-keeping assistants, over emergency braking guards, to piloted driving for traffic jam situations. In the future, more and more traffic situations will be even covered by cooperative and semi-autonomous functions.

The increasing road traffic will create problems in terms of congestion, road safety and stress on the environment. Intelligent Transport Systems (ITS) offer solutions to this by communication-based functionality to reduce congestion, improve traffic safety and to minimize impact on the environment. All road users will benefit from ITS applications.

#### Keynote

"ITS from an Ericsson perspective"

presented by Staffan Wallin,

Director Sales and Business Development at Ericsson Business Line Industry & Society

#### Registration

Your registration is welcome by email to [leena.rosensten@sp.se](mailto:leena.rosensten@sp.se) no later than May 2, 2016. Please state your name, organization, email, diet food requests, and if you will use the shuttle bus service and from which stop.

Participation is free-of-charge but an administrative fee of 500 SEK will be charged if registration is made and a participant fails to show up without notice.



**ASTAZERO**  
ACTIVE SAFETY TEST AREA

**SAFER**  
VEHICLE AND TRAFFIC SAFETY CENTRE AT CHALMERS



**TSS**  
Test Site Sweden

## Program

08:00am	Shuttle bus leaving from Gothenburg, Lindholmen*
08:15am	Shuttle bus leaving from Gothenburg, Johanneberg* Provisional stops at Landvetter Airport and at SP Borås
09:30am	Shuttle bus arriving at AstaZero
10:00am	Welcome to AstaZero, Peter Janevik, AstaZero
10:15am	Keynote "ITS from an Ericsson perspective" presented by Staffan Wallin, Director Sales and Business Development at Ericsson Business Line Industry & Society
11:15am	Session A – Presentations  An introduction to the iTRANSIT research project <b>Henrik Eriksson, SP</b> Evaluation of Low-Cost RTK GPS Receivers <b>Thomas Petig, Chalmers</b> Point cloud to 3D object map <b>Annie Westerlund, ÅF</b>  State-of-the-Art and Future Trends in Testing of Active Safety Systems <b>Alessia Knauss, Chalmers</b>
12:30pm	Lunch & Poster Session
01:30pm	Session B – Presentations  A tool for interoperability testing of multi-vendor CACC <b>Alexey Voronov and Cristofer Englund, Viktoria Swedish ICT</b>  Radar reflecting pavement markers for vehicle automation <b>Alexey Voronov, Johan Hultén (Sentient+), Johan Wedlin, Cristofer Englund Viktoria Swedish ICT</b>  AUTO-CAAS: Model-Based Fault Prediction and Diagnosis of Automotive Software <b>Wojciech Mostowski and Mohammad Reza Mousavi, Halmstad University</b>
02:30pm	Selected demonstrations on the proving ground
04:00pm	Closing session
04:30pm	Shuttle bus leaving for Gothenburg Provisional stops also at SP and at Landvetter Airport

\* The shuttle bus will leave from the main entrance of Lindholmen Science Park (close to the taxi stop and bicycle parking). The stop at Chalmers Johanneberg will be outside the library at Gibraltargatan.

## Organization committee

- Christian Berger, University of Gothenburg, Sweden, [christian.berger@gu.se](mailto:christian.berger@gu.se)
- Jan Jacobson, SP Technical Research Institute of Sweden, Sweden, [jan.jacobson@sp.se](mailto:jan.jacobson@sp.se)
- Peter Janevik, AstaZero AB, Sweden, [peter.janevik@astazero.com](mailto:peter.janevik@astazero.com)

