Important Dates

Submission deadline:  
July 10, 2015

Acceptance notification:  
September 7th, 2015

Final paper due:  
October 2nd, 2015

Conference Organization

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Sponsorship Opportunities
Please contact the Organizing Committee if your organization is interested in sponsoring escar 2015.

Programme and Registration Information
Complete programme and registration information will be available soon on www.escar.info. From there you can also join our mailing list to receive the latest escar conference information.

Overview and Topics

Information technology is the driving force behind most innovations in the automotive industry. Today, even compact vehicles have a few tens of interconnected microprocessors with up to several hundred megabytes of software and integrated communication capabilities to the outside world. The situation is similar for commercial vehicles such as trucks.

One crucial aspect of many IT applications in vehicles is IT security. Whereas IT safety is a relatively well established (if not necessarily well understood) field, the protection of automotive IT systems against manipulations has more recently started to emerge. At the same time, security will be an enabling technology for many – perhaps for most – future automotive IT applications. IT security will increase both, reliability and safety, while enabling and protecting various new business models.

The escar conference has established itself as the premier forum for information, discussion and exchange of ideas in this innovative field. As in previous years, the programme will include invited talks and submitted papers in the following areas.

- Security engineering, formal methods, development & validation tools, security standardization and security economics for automotive domain
- Security of vehicle-driven business, maintenance and service models
- Identity theft, privacy and data protection issues in vehicular settings
- Vehicular hardware security and hardware security modules
- Security of vehicular on-board, passenger, and V2X communications
- Security of software downloads and open vehicle application platforms
- Security of vehicular component protection solutions
- Security of legal car applications (e.g. event data recorder, tachograph)
- Security of road pricing, restricted areas access and vehicle monitoring
- Security of vehicle theft prevention and theft response solutions
- Security of vehicular rights control and audit (e.g. feature activation)
- Security of future vehicle applications (e.g. electric cars, ITS)
- Security for other transport systems (e.g. railways, aerospace)

Instructions for Paper Submission

Theoretical/scientific articles, case studies and real-world experiences are welcome. All submissions will be peer-reviewed. Prospective authors should contact one of the programme chairs in case they have a doubt about the appropriateness of their submission for the conference. Two types of submissions are possible.

Full papers of up to 10 pages: This can be, for example, new research results, case studies, or state-of-the-art reports. The value for the escar community should be clearly demonstrated.

Extended abstracts of 2-3 pages: This category is geared towards contributions from industry. No full paper will be required later but only an oral presentation. The abstract needs to be at least 2 pages and it needs to clearly outline the details of the planned presentation content and the value to the escar community. Abstracts of less than 2 pages will be rejected without review. Note that marketing driven submissions and presentations were not well received in the past.

For both types, the text must be in English, the font size should be at least 10pt, and the type of submission (i.e., full paper vs. extended abstract) must be indicated on the title page. Submissions do not need to be anonymous.
Submissions will be accepted at escar’s submission site in PDF format only.  
https://easychair.org/conferences/?conf=escar2015