

safetronic. 2020

Functional Safety for Road Vehicles

09 - 11 November 2020

Safe - Informative - Interactive
Join the digital conference!

 **Digital Event**



Main topics of the conference 2020

- ISO 26262 & SOTIF & ISO TR 4808
- Best practice of a successful implementation of ISO 26262
- Functional Safety in the areas of Connectivity, Autonomous Driving and AI
- Practice update on trends in Functional Safety



Simultaneous translation German/English



Virtual networking

The digital conference environment offers various possibilities for personal exchange between participants, speakers and exhibitors.



Good reasons why you should attend the conference

- Up-to-date: Get a compact overview of important developments
- Practical: Learn from industrial application examples
- Digital: Participate safely, comfortably and efficiently from any device

Register now for the conference: www.hanser-tagungen.de/en/safetronic

Monday, 9 November 2020

10.00 Welcome and introduction into the digital event

Sylvia Hahn | Carl Hanser Verlag
(Project Manager)

apl. Prof. Dr. habil. Mario Trapp, Executive Director | Fraunhofer-Institut Institute for Cognitive Systems IKS, Munich (Chairman)

Norms & Standards

Status ISO TR 4804 »Safety and Cybersecurity for Automated Driving«

Simon Fürst, Automated Driving | BMW Group, Munich



Status ISO 21448 »SOTIF«

Nicolas Becker | PSA Groupe, Montbéliard Cedex, France

A short introduction into the SOTIF mindset

Carsten Gebauer, Bosch Center of Competence Functional Safety | Robert Bosch GmbH, Heilbronn

12.30 Lunch break

Safe Components

13.30 Overall safety concept for sensor-based functions dealing with ASIL requirements and nominal performance

Richard Krüger; Bilra Manjeet Singh; Paul Müller, Automated Driving | BMW Group, Munich

Mirror replacement with camera monitor system for trucks and the Functional Safety aspects

Dipl.-Ing. (FH) Horst Kostal, Principal Consultant Functional Safety, Automotive Spice, Project management | Process Fellows GmbH, Ebermannstadt

Safety architecture for automotive video data transmission and processing

Benjamin Axmann, Future Technologies - E/E Concepts | Mercedes-Benz AG, Böblingen

Frank Langner, Functional Safety, Digital Vehicle & Mobility | Mercedes-Benz AG, Sindelfingen

Dr. Mirko Conrad, CTO | samoconsult GmbH, Berlin

16.30 End of the event day

Tuesday, 10 November 2020

13.00 Welcome

Sylvia Hahn | Carl Hanser Verlag
(Project Manager)

Methods & Analysis

Introducing Functional Safety in an organization - Good practices & misconceptions

Dr. Pierre Metz | Brose Fahrzeugteile GmbH & Co. KG, Würzburg

Digitalization of Functional Safety management

Dr. Olaf Kath, Senior Director medini Product Line; Jan Mauersberger, Product Owner and Lead Architect | ANSYS Germany GmbH, Berlin

Rüdiger Diefenbach, Architecture E2E & Concepts Functional Safety | Mercedes-Benz AG, Böblingen

Safety analyses on system level

Dr. Andreas Abele | Robert Bosch GmbH, Stuttgart

Engineering dynamic risk management

Dr. Rasmus Adler, Program Manager Autonomous Systems | Fraunhofer Institute for Experimental Software Engineering IESE, Kaiserslautern

Safety software calibration - Is it really only a software topic?

Dr. Adam Schnellbach, Lead Engineer Safety Methods and Analyses; Dr. Martin Ringdorfer; Dr. Gerhard Griessnig | AVL List GmbH, Graz, Austria

Special



Trends and Functional Safety certification strategies for advanced railway automation systems

Jyotika Athavale, Principal Engineer, Functional Safety Architecture; Andrea Baldovin; Dr. Michael Paulitsch | Intel Corporation, Chandler, USA

18.15 End of the event day

Wednesday, 11 November 2020

10.00

Welcome

Sylvia Hahn | Carl Hanser Verlag
(Project Manager)

Functional Safety in Autonomous Driving



Keynote: Automated / connected vehicles and Safety - Key points from the EU

Antony Lagrange, Team Leader Automated / Connected vehicles and Safety, DG GROW | European Commission, Brussels, Belgium

1st automated driving function UNECE regulation and the role and hurdles of SOTIF and Functional Safety

Dr. Simon Röβner, Senior Expert Functional Safety | TÜV SÜD Auto Service GmbH, München

Code of Practice for Automated Driving - insights from OEM consulting with the ADAS Code of Practice

Dipl.-Ing. Thomas Winkle, Research and teaching automated driving; Prof. Dr. Klaus Bengler, Head of Chair of Ergonomics | Technical University of Munich

12.30

Lunch break

13.30

Reliable and safe maps for Automated Driving

Steffen Kuhn, Head of Consulting | Elektrobit Automotive GmbH, Erlangen



How to reach a complete and convincing safety argumentation for Autonomous Driving

Dr. Rolf Johansson, Safety Guy | Astus AB, Moelndal, Sweden

Dr. Håkan Sivencrona, Safety Guy | ZTWO (Zenuity), Gothenburg, Sweden

The complexity of building fail-operational, hard real-time system for highly/fully Automated Driving

Eric Schmidt, Director, Lead Engineering & Safety | TTTech Auto AG, Vienna, Austria

16.30

End of the event



Our digital event offers you an intensive exchange of experience

Networking is crucial to sharing knowledge and training, which is why we offer you the opportunity for personal exchange between participants, speakers and exhibitors online.

Starting with the opportunity to ask the speakers live questions via chat about their presentations, individual matchmaking and 1:1 chats, there are various opportunities during our event to exchange ideas and make new contacts.



Chairman and advisory board

- apl. Prof. Dr. habil. Mario Trapp | Fraunhofer Institute for Cognitive Systems IKS
- Nicolas Becker | PSA Peugeot-Citroën
- Thomas Frese | FORD
- Simon Fürst | BMW Group
- Andreas Knapp | Mercedes-Benz AG
- Stefan Kriso | Robert Bosch GmbH
- Peter Lascych | Vitesco Technologies (a Continental Company)
- Hans-Leo Ross | Bosch Engineering GmbH
- Dr. Håkan Sivencrona | ZTWO (Zenuity)



Show presence as an exhibitor or a sponsor

Benefit from an exclusive brand presentation in front of an expert audience: Within the scope of a face-to-face event or through the digital environment of a conference - always practical and interactive.

Register now for the conference and save € 100 until 12 October!

www.hanser-tagungen.de/en/safetronic

The digital conference offers you

- Live participation in the conference - with internet access from anywhere
- Current topics, knowledge update, expert know-how
- Opportunity for direct questions about the speakers' presentations
- 1:1 chat between participants, speakers and exhibitors
- Networking opportunities with all participants
- Access to the download area with the presentations

At a glance

Event date

9 - 11 November 2020

Access

The conference takes place as a digital event. Join securely and efficiently from your computer, tablet or smartphone. You receive access by e-mail to the digital conference shortly before the event.

General terms and conditions

www.hanser-tagungen.de/en/agb

Notes on data protection

www.hanser-tagungen.de/en/datenschutz

Registration

Online at www.hanser-tagungen.de/en/safetronic
E-Mail to tagungen@hanser.de

Price

Early bird tickets until 12 October 2020 € 690
Registration fee from 13 October 2020 € 790
All prices plus German VAT.

Discounts

10% discount for subscribers of magazine HANSER automotive or Member of ASQF e.V.
University discounts on request.

Further interesting conferences: www.hanser-tagungen.de/elektronik

Contact



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Exhibition and sponsorship

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