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ISO 21448 “SOTIF”: current status

Nicolas Becker, PSA Groupe, Montbéliard Cedex

What does SOTIF have to do with fully automated driving?

Simon, Dr. Rößner, TÜV SÜD Auto Service GmbH

Functional Safety & highly automated driving

Item definition and PMHF budgeting for automated driving functions

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

Comparison of hazard analysis methods with regard to the series development of autonomous vehicles

Greta Kölln, Michael Klicker, BMW, Unterschleißheim
Stephan Schmidt, Otto von Guericke Universität Magdeburg

Agile approach to sensors for safe autonomous driving

Rolf Johansson, Autonomous Intelligent Driving GmbH
Hakan Sivencrona, Qamcom Research and Technology

Keep driving safe by ensuring fail operational power supply for future vehicle applications

Armin Köhler, Patrick Münzing, Robert Bosch GmbH

Positive risk balance as one of the legal requirements for the approval of highly automated driving

Peter, Krumbach, BMW Group
Dr. Lars Schnieder, ESE Engineering und Software Entwicklung GmbH

Special

Systems engineering of applications in the field of securing power distribution networks using electronic fuses (eFuse)

Berthold Sopper, Systemtechnik LEBER GmbH & Co. KG

Safety Analysis

Systematic identification of functional insufficiencies by means of component fault trees

Dr. Rasmus Adler, Dr. Daniel Schneider, Fraunhofer-Institut für Experimentelles Software Engineering

Tailoring of dependent failure analyses (DFA)

Dr. Pierre Metz, Brose Fahrzeugteile GmbH & Co. KG
Dr. Adam Schnellbach, AVL List GmbH



Safety analysis of software updates over-the-air

Dr. Oliver Kust, ETAS GmbH

Application of a safety analysis on software architectural level: A case study with HAZOP analysis

Christian, Bayer, Elektrobit Automotive GmbH

Dr. Thomas, Liedtke, KUGLER MAAG CIE GmbH

Concepts for innovative technologies

Challenges in developing a safe high performance computing platform

Bitan Roy, Dr. Ing. h.c. F. Porsche AG

Product safety - Challenges and chances creating an overarching safety concept incorporating ALL safety aspects

Dr. Simone Hamerla, HELLA GmbH & Co. KGaA

Flight safety certification implications for complex multi-core processor based avionics systems

Jyotika Athavale, Intel Corporation