

Quality, Safety, and Security for Automotive Software-Based Systems

June 25–27, 2025 • Berlin

INVITATION /
CONFERENCE PROGRAM

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Conference Program

The conference focuses on the quality, safety, and security of electronics. The following topics will be addressed in various workshops and program sessions running in parallel:

- Software/system quality assurance for future automotive systems
- Verification and validation
- Product safety/integrity
- Safety in automotive applications
- Standards and compliance in automotive applications
- Open source and cloud services
- Security in automotive applications
- Automated driving
- Artificial intelligence and machine learning in automotive applications
- Process assessment and improvements using Automotive SPICE® or other models

Keynote Speakers



Axel Böringer

Senior Vice President Bosch Mobility Quality Management /
Robert Bosch GmbH

Axel Böringer studied mechanical engineering at the University of Hanover and joined Bosch in 1989.

In the first years of his Bosch career, he worked in various sales functions before taking over the management of the automotive business in the Czech and Slovakia Republic in 1995. Thereafter he took over the responsibility for a production site for automotive products in Göttingen, Germany. In 1999, he moved to Bosch headquarters in Stuttgart and worked for a board member for two years. This was followed by tasks in central projects. In 2003, he moved to Hildesheim where he took over the key account function for several large automotive customers. In 2013, Axel Böringer took over responsibility for quality for the VW Group, and since 2020 he has been Head of Central Quality for Bosch's automotive business.



Eric Barbier

Head of Safety / Wayve Technologies Ltd.

Eric is a Functional Safety expert with more than 25 years of experience in the automotive industry. He started his career as a software developer and soon shifted his focus to functional safety.

He has been working as a safety consultant for thirteen years and led the functional safety design of several electric and hybrid vehicles and automotive subsystems such as high-voltage batteries, inverters, and transmissions. Eric validated his skills by gaining a postgraduate degree in Safety-Critical System Engineering from the University of York in 2017. Eric is truly passionate about safety and could not resist the challenge of AI's safety assurance by joining Wayve in 2019. Eric is thrilled by the complexity of the technology and its tremendous potential. Whilst developing a safety assurance framework for Wayve's End-to-End embodied AI, Eric is also contributing to the development of national and international regulations and has been sitting in various Standard working groups, most recently, sitting in ISO 8800 working group.



Dr. Clemens Mattheis

General Counsel Product, Sustainability, and R&D / Schaeffler AG

Dr. Clemens Mattheis is General Counsel Product, Sustainability and R&D and is responsible for product law (including product liability, product safety, and product compliance) at Schaeffler AG. In addition, he advises on sustainability aspects, in particular supply chain compliance and strategic R&D, IP, and know-how protection. He has many years of expertise in this area in various industry sectors.

Session Speakers / Workshop Speakers



Nina Aures
(CARIAD SE)



Helen Buchumensky
(Arm Ltd.)



Jürgen Etzkorn
(BMW AG)



Michelle-Dominique Fees
(SynSpace Group GmbH)



Matthias Krug
(CARIAD SE)



Shree Archanadevi
Narayanan
Punniyakumar
(Volkswagen Nutzfahrzeuge)



Parvati Premachandran
(Tata Elxsi Limited)



Suresh Kumar
Ramasubramanian
(Visteon)



Attila Fehérvári
(Saneon GmbH)



Sandra Flügge
(Volkswagen Nutzfahrzeuge)



Siegfried Gaile
(Continental AG)



Andreas Gasch
(CARIAD SE)



Bernhard Sechser
(Process Fellows GmbH)



Thorsten Urhahn
(Mercedes-Benz AG)



Albrecht Wlokka
(Robert Bosch GmbH)



Dirk Hamann
(Schaeffler AG)



Balazs Harman
(Valeo GmbH)



Rüdiger Heimgärtner
(IUIIC)



Thomas Kömmerling
(Mercedes-Benz AG)

... and many more!



For more information,
please contact:

**Project / Event Management,
Editorial Staff, Marketing**
Ms Cosmina Baican
Email: konferenz@vda-qmc.de

Conference team
Email: konferenz@vda-qmc.de

Participant registration
Email: event@vda-qmc.de

Conference
Location

Holiday Inn Conference Centre
Flughafen BER Berlin
Hans Grade Allee 5,
12529 Berlin

Phone: 49-30-634010
Email: info@holidayinn-berlin.de
Homepage: www.holidayinn-berlin.de

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Take advantage of this excellent opportunity and present innovations in your industry at this unique event.

Do you have any questions or need more information to actively participate as an exhibitor?

Then write to us at:

aussteller@vda-qmc.de



Exhibitors



AbsInt Angewandte Informatik GmbH
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UL SOLUTIONS

We help you to address complex challenges in:

- Artificial intelligence and machine learning
- Automotive cybersecurity
- Automotive SPICE®
- Functional and autonomy safety/SOTIF
- Software and systems engineering
- Data science and analytics

We support you with:

- Automotive process framework
- Improvement programs
- Management systems
- Stages — Process management tool
- Campus — Enterprise learning

Contact: SIS@ul.com



1. E-Mobility

- Functional Safety, ASPICE, and Product Cybersecurity

2. Business Development

- Operational Excellence (Lean Six Sigma) and Process Redesign
- Management Systems: Training and Consulting

3. Technology and Platforms

- EQMS.AI Suite - Enterprise platform for digitizing new product introductions (NPI), quality management, and supplier quality - powered by AI

4. Artificial Intelligence

- AI-supported review and verification of software processes
- AI-supported reviews and analysis of PPAP/PPF
- Agentic AI - FMEA Chatbot

5. Cybersecurity

- Information security and TISAX, including cybersecurity in the supply chain

6. Sustainability

- Carbon Footprint Consulting Services
- Net Zeroing/CO2 Neutrality; Carbon Border Adjustment Mechanism (CBAM) consulting and verification

7. Human Capital

- Training and competency management using modern technologies

8. Strategy:

- Alignment of strategies, KPIs, and score-cards
- Corporate governance and continuous performance improvement



Verband der Automobilindustrie
Qualitäts-Management-Center



- Publications and Software
- Training and Professional Development
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Contact: info@vda-qmc.de

Conference Program

Day 1

Wednesday, June 25, 2025	
08:30 - 09:25	Conference Setup / Registration
09:25 - 09:30	Opening Dr. Jan Morenzin / Automotive SPICE® / VDA QMC
09:30 - 10:15	Morning Keynote Innovating with quality: Bosch's role in automotive software development Axel Böringer / Senior Vice President Bosch Mobility Quality Management / Robert Bosch GmbH
10:15 - 10:45	Coffee Break

Time	Session A1 Reports from standardization groups	Session B1 Automated Driving / Safety	Session C1 Cybersecurity
10:45 - 13:15	ISO/TS5083 Safety for automated driving systems — Design, verification and validation Florian Raisch / BMW AG	Chinese Safety Legal frameworks investigation & DeepDive for High Level Automated Driving system Fu Xu / OMNEX (Shanghai) Co. Ltd.	Cybersecurity Regulations: Addressing the Cyber Resilience Act Using ISO 21434 & Automotive SPICE® Janine Funke / Software Intensive Systems / UL Solutions Dikla Fiengertz / PlaxidityX
	Automotive SPICE® and the future of automotive software-based systems Albrecht Wlokka / Robert Bosch GmbH	Oxa Safety Approach Rifat Uzun / Oxa	TARA in the Automotive Supply Chain Suresh Kumar Ramasubramanian / Visteon

Time	Session A1 Report from standardization groups	Session B1 Automated Driving / Safety	Session C1 Cybersecurity
10:45 - 13:15	Has Automotive SPICE® reached its peak? – A critical intacs presentation Bernhard Sechser / Process Fellows GmbH	Automotive SPICE®, the product quality audit model for the automotive industry Philippe Lohier / BorgWarner Turbos & Thermal Technologies	
13:15 - 14:15	Lunch Break & Exhibition Time		

Time	Workshop Session A1	Workshop Session B1	Workshop Session C1
14:15 - 17:15	Automotive SPICE® 4.0 – 18 Months later: Does Automotive SPICE® 4.0 and the VDA Guideline 2.0 meet the expectations? Dirk Hamann / Schaeffler AG Siegfried Gaile / Continental AG Balazs Harman / Valeo GmbH Cornelia Löschberger / Webasto Roof & Components SE Attila Fehérvári / Saneon GmbH	Data Management (SPICE) and Machine Learning (Automotive SPICE®) – How are they connected? Nina Aures / CARIAD SE Andreas Gasch / CARIAD SE Matthias Krug / CARIAD SE Bhaskar Vanamali / UL Solutions	Cybersecurity D&D - Workshop for defending against a cyber security attack Michelle-Dominique Fees / SynSpace Group GmbH Martin Kemeter / SynSpace Group GmbH
17:15 - 18:00	Workshop Summaries		

Conference Program

Day 2

Thursday, June 26, 2025	
08:00 - 09:00	Conference Setup / Registration
09:00 - 10:00	Morning Keynote Potential and Challenges of End-to-End Embodied AI <small>Eric Barbier / Head of Safety / Wayve Technologies Ltd.</small>
10:00 - 10:30	Coffee Break & Room Change

Time	Session A2 Supply Chain	Session B2 AI	Session C2 Automotive SPICE®
10:30 - 13:00	BMW Group's experience with SUMS, one mandatory element in the SDV process landscape <small>Jürgen Etzkorn / BMW AG</small>	FuSAi – Meet your AI review assistant <small>Helen Buchumensky / Arm Ltd.</small>	A lean standardized Automotive SPICE® process <small>Cornelia Retsch / Saint-Gobain Sekurit Deutschland GmbH</small>
	SBOM – Enabling Supply Chain Transparency in Automotive <small>John Rufus Nuthakki / UL Solutions</small>	The Process Improvement Journey: how AI is transforming Automotive SPICE® Work product development <small>Peter Bovenzi / BorgWarner Antony John / Omnex Systems</small>	Scoping Automotive SPICE® Assessments within an OEM <small>Thorsten Urhahn / Mercedes-Benz AG</small>

Time	Session A2 Supply Chain	Session B2 AI	Session C2 Automotive SPICE®
10:30 - 13:00		AI Support for the Rating of Automotive SPICE® Processes <small>Rüdiger Heimgärtner / IUIC</small>	How 2 increase the value of Automotive SPICE® assessments? <small>Selina Meza / Valeo GmbH Stefan Reinhart / Seitz & Reinhart Consulting</small>
13:00 - 14:00	Lunch Break & Exhibition Time		

Time	Workshop Session A2	Workshop Session B2	Workshop Session C2
14:00 - 17:00	The Investment Pitch: How to get management support for process improvement <small>John Rufus Nuthakki / UL Solutions Bhaskar Vanamali / UL Solutions Daniel Brenk / UL Solutions</small>	Reevaluating Automotive SPICE®: Is the end customer still in focus? <small>Shree Archanadevi Narayanan Punniyakumar / Volkswagen Nutzfahrzeuge Sandra Flügge / Volkswagen Nutzfahrzeuge Nicholas Raquel / Porsche AG</small>	Assessment Modell for Smart-Productivity (Creativity, Innovation, Transformation) <small>Danilo Assmann / OrgIQ</small>
17:00 - 17:45	Workshop Summaries		
19:00 - 23:00	Evening Event		

Evening Event

Thursday, June 26, 2025

Holiday Inn Conference Centre Flughafen BER Berlin

Hans Grade Allee 5,
12529 Berlin

On Thursday evening, you are invited to a summer's evening event at Holiday Inn Conference Center. The dress code is casual, but if the weather is good, we will be outside, so bring some warm clothing.



Conference Program

Day 3

Friday, June 27, 2025	
08:00 - 09:00	Conference Setup / Registration
09:00 - 10:00	Morning Keynote Product liability and technical safety – obstacles, obligations, and other challenges Dr. Clemens Mattheis / Teamlead Legal Product Integrity and Sustainability / Schaeffler / Vitesco
10:00 - 10:30	Coffee Break & Room Change

Time	Session A3 SDV	Session B3 Architecture / System design	Session C3 Automotive SPICE® Add-Ons
10:30 - 13:00	Continuous QA with Continuous Deployment in the SDV world Parvati Premachandran / Tata Elxsi Limited	The evolution of a company's tailored Sys-ML into a comprehensive system engineering methodology Markus Schmidt / innoventis GmbH	Automotive SPICE® – Machine Learning Engineering (MLE) Extension – Experience Report: Ensuring Quality in Modern Vehicle Development Chetan Bavkar / Visteon Suresh Kumar Ramasubramanian / Visteon

Time	Session A3 SDV	Session B3 Architecture / System design	Session C3 Automotive SPICE® Add-Ons
10:30 - 13:00	Ensuring Software System Quality in Future Automotive Systems Shailesh Jain / Continental Automotive Technologies GmbH	Eclipse S-CORE: Achieving Functional Safety with Open-Source Software in Automotive Memsud Godinjak / BMW Group	How to bring Hardware SPICE to Hardware Developers Marco Di Pace / K-iscom GmbH
	Our Survival Guide for the Automotive Industry Michael Minigshofer / UL Solutions	Quantitative Architecture Evaluation based on Abstract Interpretation Daniel Kästner / AbsInt GmbH Isabella Stölkerich / Schaeffler Technologies AG & Co. KG	Using Automotive SPICE® Potential Analysis – An experience report Thomas Kömmerling / Mercedes-Benz AG
13:00 - 14:00	Lunch Break & Exhibition Time		
14:00 - 14:45	Closing Keynote Andrei Iordache / Director Industry Solutions – Automotive / HERE Technologies		
14:45 - 15:00	Conference Closing		

General Conference Information

June 25 - 27, 2025 • Berlin

Participation Fee for the Conference and Workshops

Participation Fee € 3,150.00

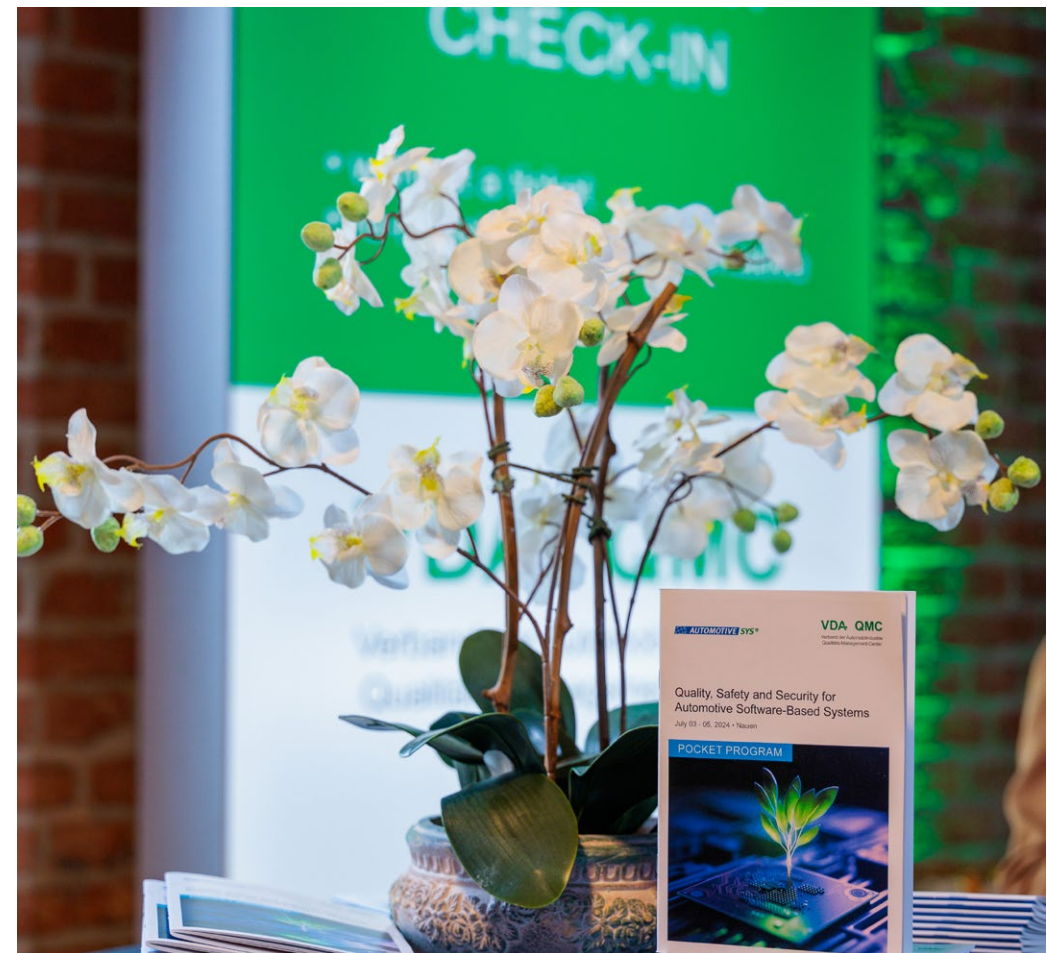
The fee includes:

- ✓ A 3-day conference
- ✓ Keynotes
- ✓ Workshops and Lectures
- ✓ Workshop summaries
- ✓ Conference documentation
- ✓ Light meals on all days
- ✓ Cocktail reception and social event

Automotive SPICE® assessor

On-site attendance will be accepted as
EE-EP: External Passive

for your certification as intacs
Automotive SPICE® assessor.



For more information,
please contact:

**Project-/ Event Management,
Editorial Staff, Marketing**
Ms Cosmina Baican
Email: konferenz@vda-qmc.de

Conference team
Email: konferenz@vda-qmc.de

Participant registration
Email: event@vda-qmc.de

VDA QMC

Verband der Automobilindustrie
Qualitäts-Management-Center

**Conference
Location**

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Email: info@holidayinn-berlin.de
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Hotel Information

To receive the special conference rate, please scan the QR code and use the following booking code: **VDAQMC**
Single room per night €149.00. including Breakfast



Alternatively, you can use the following link: <https://www.ihg.com/>

Please note:

These rooms are limited and available only while supplies last. Beyond this allocation, it is still possible to request rooms at the hotel, but only at the current daily rate. These bookings must be made by phone or email directly with the hotel.

Directions to the Hotel



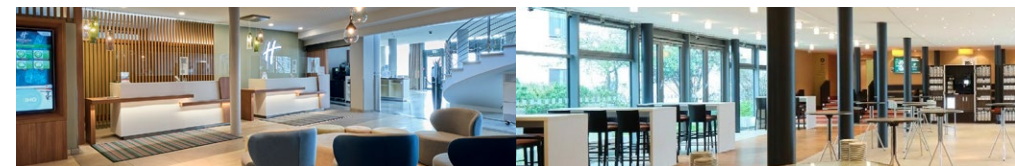
Location



Conference and Evening-Event

Holiday Inn – Berlin
Airport Conference Centre
Hans-Grade-Allee 5
D-12529 Schönefeld near Berlin
Germany

Telephone: +49 30 634010
Email: info@holidayinn-berlin.de
Homepage: www.holidayinn-berlin.de



UPCOMING EVENTS

2025



VDA Automotive SYS® Conference

June 25 – 27, 2025 in Berlin



VDA QMC Expert Forum on IAA MOBILITY

September 09 – 14, 2025 in Munich



21st Quality Summit of the Automotive Industry

November 11 – 12, 2025 in Berlin