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CHINA

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for Automotive Software-based Systems

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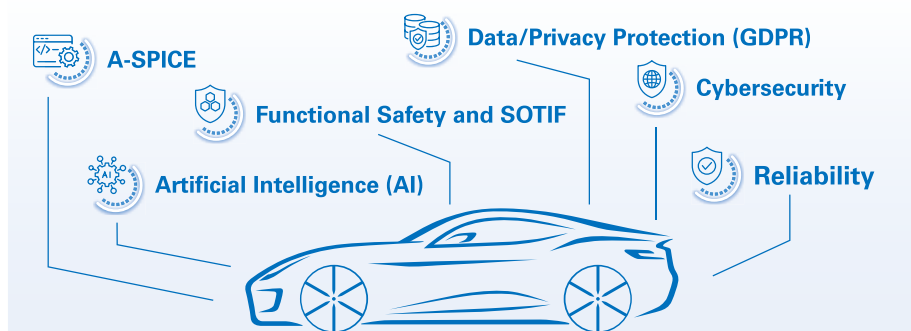
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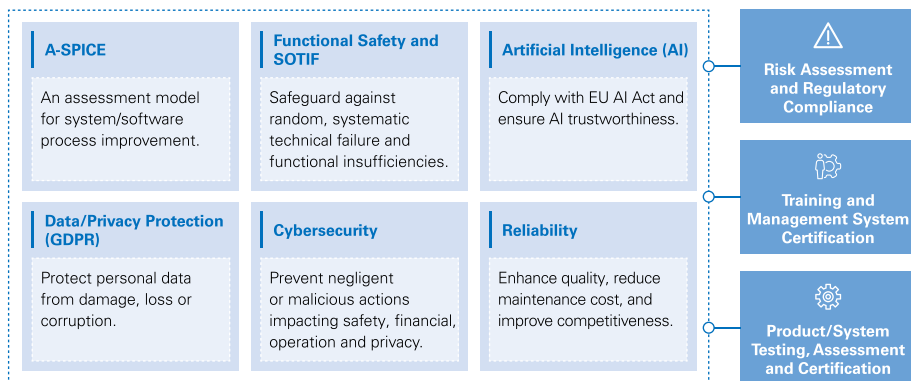


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Joan YANG

Head of Sales  
Industrial Service and Cybersecurity  
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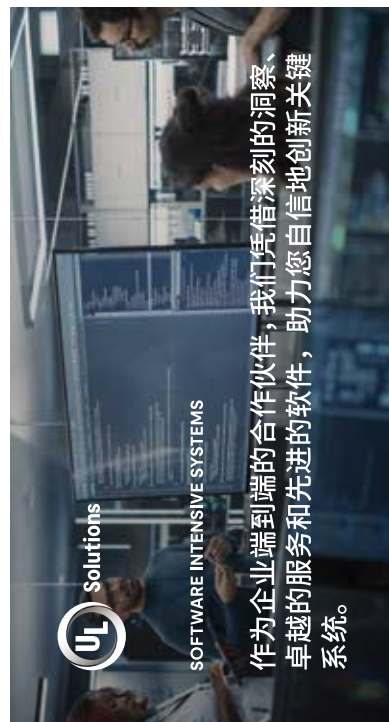
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## SCHEDULE AND VENUE

**DAY 0** **19 NOV. 2025** **Workshop Session A** | Meeting Room 10, 2F

**Workshop Session B** | Meeting Room 11, 2F

**DAY 1** **20 NOV. 2025** **Conference day - Plenary session** | Ballroom B+C, 2F

**Evening Event** | Moon Bar, 3F

**DAY 2** **21 NOV. 2025** **Conference day - Parallel session 1** | Ballroom B, 2F

**Conference day - Parallel session 2** | Ballroom C, 2F

## IMPORTANT INFORMATION



### Your on-site contact person is:

Joyce CAO (13810735810)  
Laura ZHANG (15615814981)  
E-mail: [aspice@vdachina.com.cn](mailto:aspice@vdachina.com.cn)



### Presentations download

You will get the speakers shared version within 1 week after conference closed, the download link will be sent to your registered email address.



### Live album

Please scan the QR code to access the conference live album.



### Certificate of Attendance

The conference is accepted by the international assessor certification scheme (intacs<sup>®</sup>) as active or passive experience evidence (EE-AC, EE-EP)

Participants who joined the conference for at least 1 whole day can get the attendance certificate (with 2 times “sign-up”, one time for sign-in and another for sign-out when leaving the conference), within one week after the conference ends.

## SPECIAL GUESTS & MODERATORS (A-Z)



**Lin ZHANG**

**Chief Representative and General Manager  
German Association of the Automotive Industry (VDA)  
China**

Mr. Lin ZHANG studied at Nanjing University of Science and Technology, majoring in Thermal Energy and Power Engineering. After obtaining his bachelor's degree in 2009, he went to the UK to study Sustainable Energy at the University of Southampton, majoring in fuel cell, and received the master's degree in 2011.

He joined in Volkswagen (China) Investment Co., Ltd. in January 2012 and worked in the Joint Venture Affairs and Government Relations Department, engaged in research on industrial policies of the automotive industry.

In March 2012, he was seconded to the China Association of Automobile Manufacturers (CAAM) as the Head of the International Cooperation Department, responsible for the communication and cooperation between CAAM and foreign enterprises, industry institutions, and international organizations. In September 2013, He was appointed as the Secretary and Assistant to Executive Vice President and Secretary-General of CAAM.

- In August 2014, Mr. Lin ZHANG joined in the German Association of the Automotive Industry (VDA) as the manager, responsible for setting up the VDA China Office.
- In June 2017, he was appointed as the Manager of VDA China.
- In May 2019, he was appointed as the Director of VDA China.
- In December 2020, Mr. Lin ZHANG was appointed as the Vice President of VDA China.
- In December 2023, Mr. Lin ZHANG was appointed as the Chief Representative and General Manager of VDA China.

During his tenure at VDA China, he actively promoted the establishment of cooperation mechanisms between the Chinese and German governments and industries in various areas such as energy conservation and emission reduction, new energy vehicles, intelligent connected vehicles, as well as regulation and standardization. He also established strategic partnerships, committees and workgroups with Chinese industry organizations, institutions to protect the interests of VDA member companies in China.



**Sijia DAI**

**Business Development Manager  
VDA QMC China**

Sijia Dai currently serves as Business Development Manager at VDA QMC China, primarily responsible for business development, project implementation, and working group coordination, supporting the promotion and implementation of relevant quality management standards and training programs in China. She has a long-standing interest in quality management and sustainable development within the automotive industry. Previously, she worked at a policy consulting firm in Berlin, participating in research projects related to German industrial policy and the automotive sector. She holds a Master of Science degree from the London School of Economics and Political Science (LSE).





**Stefan Bücke**

**General Manager  
VDA QMC China**

With over two decades of experience in the automotive and technology sectors, Stefan Bücke has held leadership roles across Germany, China, Japan, and Spain, driving innovation, strategic partnerships, and cross-border collaboration. His expertise spans quality management, intelligent driving functions, e-mobility, and industrial data ecosystems.

**Career Highlights**

2021–2024 | GIZ China – Deutsche Gesellschaft für Internationale Zusammenarbeit

- Head of Country Component China | Global Project Quality Infrastructure (GPQI)
- Advisor | Sino-German Dialogue on Industrial Data Ecosystem (Catena-X)
- Head of Sino-German Cooperation | E-Mobility, Automated & Connected Driving

Led strategic initiatives to harmonize quality infrastructure between China and Germany, facilitated policy dialogues on industrial data ecosystems, and strengthened cooperation on emerging mobility technologies.

2020–2021 | IAV Automotive Engineering

- Director Business Development Japan & China | Intelligent Driving Functions (AD/ADAS)

Drove business expansion in China and Japan, focusing on autonomous driving (AD) and advanced driver-assistance systems (ADAS).

2006–2018 | VadoTech-Vista-Zynit Group

- Managing Director | VadoTech Deutschland
- Key Account & HR Manager | Vista Research Services Spain

Oversaw international business operations, key client relationships, and talent strategy in Germany and Spain, ensuring sustainable growth in automotive R&D services.

2002–2006 | Funke & Will

- Head of Research & Development

Led R&D efforts in automotive and industrial technologies, driving innovation and technical excellence.



**Yiqun WANG**

**Director of UMovcom Information Technology (Shanghai) Inc.**

**intacs regional representative of China & Assessor Training WG member**

**China Functional Safety Standardization WG member, Chairman of CSN (Chinese SPICE Assessors' Community),**

**Translation team leader of Chinese version Automotive SPICE v3.1/v4.0.**

After high school, Yiqun went to Japan in 1996. He studied system science at OSAKA university Japan and obtained doctoral degree of Engineering. He started his professional career in Toyota Daihatsu motor, where he was responsible for various L1/L2 ADAS systems development including PCS, LDWS, FSRA, Smart Braking system and so on. Then he worked in Business Cube & Partners as director, took charge of China market development and providing ASPICE & ISO26262 based consulting and assessment services. He has more than 200 Assessment Experience, His consulting experience covered various Automotive E/E systems including Powertrain, Chassis, Body, Infotainment, Navigation service, New energy, Autonomous driving system and so on. He is the highest grade intacs certified Automotive SPICE Principal Assessor and Instructor (Competent Level), trained more than 550 SPICE Assessors in Japan and China.



**Yue WANG**

**Quality Assurance Customer-oriented Supervision & System Director  
SAIC Motor Passenger Vehicle Company**

Ms. Wang Yue, currently serving as the Director of QACS (Quality Assurance Customer-oriented Supervision/System) at SMPV. My primary responsibilities include designing and managing touchpoints for customer experience, providing positive feelings to establish cognition, and leading the establishment of a comprehensive system engineering that encompasses hardware, software, service ecology, and brand sentiment. My team and I are committed to ensuring that our delivered products/services continuously enhance customer satisfaction through excellent quality management, exceed customer expectations, and continually empower the steady growth of our company's business.



**Zhengxi YIN**

**Senior Quality Manager  
VDA QMC China**

Graduated from Harbin Institute of Technology, Master's degree.

After graduation, joined SAIC Volkswagen as a supplier auditor, responsible for Formel Q audits and promotions.

Later, joined NIO, established NIO NPQS supplier partners audit related processes, develop audit and empowerment tools.

In 2022, joined VDA QMC China as a senior quality manager, responsible for training, coaching, certification, and auditing related to VDA standards., is a VDA QMC certified third-party process auditor / examiner, Automotive SPICE Provisional Assessor, and also VDA QMC SWQ AB China Coordinator and intacs Asia Regional Representative.

# AGENDA & SPEAKER

(The speakers are arranged in the sequence of their presentations)

19 Nov. 2025 (Wen.)

## Workshop day

TIME	Workshop Session A	Workshop Session B
09:00-09:10	Welcome Note	Welcome Note
09:10-12:10	<b>SW Product Q Metrics</b> QIAN Chen – Development Quality Supervisor, KOSTAL (Shanghai) Management Co., LTD. XU Yue – Supplier Quality Management SW, AUMOVIO ZHAO Chenyuan – Software Quality Auditor, UAES	<b>TISAX &amp; Cybersecurity Mystery Game</b> Frank WU – Partner & Head of TISAX, KPMG China Kiki ZHAO – TISAX Lead Auditor, KPMG China
12:10-13:30	Lunch Break	
13:30-16:30	<b>ASPICE 4.0 –24 Months later: Does AutomotiveSPICE<sup>®</sup> 4.0 and the VDA Guideline 2.0 meet the expectations?</b> Dirk Hamann – Schaeffler AG Balazs Harman – Valeo GmbH Ralf Merettig – Volkswagen AG YOU Ting – Schaeffler Greater China ZHU Zhipeng – Valeo GTC China	<b>Quality Management System compliant with AI ACT</b> Han XIAO – Head of Quality Engineering Capability, IAS BU, HUAWEI

No simultaneous interpretation service for workshop day



**QIAN Chen**

**Development Quality Supervisor**  
**KOSTAL (Shanghai) Management Co., LTD.**

- ASPICE Competent Assessor
- With extensive experience in software quality management, specializing in R&D quality assurance for automotive components and parts. Possesses hands-on expertise across the entire process from design verification to mass production implementation, along with rich experience of process development. She leads team members to achieve ASPICE certification from L1 to L3 successfully, and is dedicated to the practical and effective implementation of ASPICE in project execution.

**Supplier Quality Management SW**  
**AUMOVIO**

Mr. Xu Yue is part of AUMOVIO' s Global Central Function: Supplier Quality Management for Software category and is responsible for evaluating and qualifying software suppliers in Asia in accordance with Automotive SPICE.

He is now Automotive SPICE Competent Assessor and has been actively performing Automotive SPICE assessments and enabling software suppliers to improve their development process aligned with Automotive Quality.

**XU Yue****ZHAO Chenyuan**

**Software Quality Auditor**  
**UAES**

Ms. Zhao Chenyuan is from the Central Quality Department of UAES, she is responsible for software quality assessment, ISO26262 internal audit and ISO21434 internal audit. With 8 years of experience in the development of electronic control units for the automotive industry and 5 years in software quality auditing, she serves as an ASPICE competent assessor.

## SW Product Q Metrics

This is a workshop about “Software Project Quality Metrics” , which will discuss the definition methods and effectiveness of quality metrics in groups. The aim is to align the definition and understanding of key SW product quality metrics, with the goal of establishing a more effective and unified metric system in the future.

**Dr. Dirk Hamann**

**Deputy Head VDA QMC WG13**  
**Software Quality Management Governance, Schaeffler AG**

**Background:**

10 years' Consultancy mainly in the Automotive Domain  
 ▪ Leading SPI Programs at OEMs & Suppliers

**Current Position:**

Senior Expert at Schaeffler AG (15+ years at Schaeffler)  
 ▪ Leading CMMI EPG at Schaeffler Engine Systems  
 ▪ SW Quality Management and Processes Governance  
 ▪ Coordination of all internal Assessments worldwide  
 ▪ llobal lead for SW Supplier Potential Analysis & Assessments  
*for more details about this speaker, please go to page 25*

**Balazs HARMAN**

**Group ASPICE Manager**  
**VALEO GmbH Germany**

Balazs HARMAN as VALEO Group ASPICE Manager is responsible for the corporate ASPICE assessment strategy and leads VALEO's team of ASPICE assessors. He is Automotive SPICE principle assessor and also member of VDA Working Group 13, the authors of ASPICE.

He has 18+ years' experience in the automotive industry, working for ThyssenKrupp PRESTA (steering systems) and BOSCH (automotive electronics and powertrain) before joining VALEO 3 years ago.

**Ralf Merettig**

**Systems Engineering & Software Quality**  
**Volkswagen AG**

Ralf Merettig holds a Master of Science in IT Systems Engineering from the Hasso Plattner Institute in Potsdam and has worked in the automotive industry for 15 years in various roles in quality management and quality assurance. More than 10 of these years were spent at Volkswagen and in the Group's quality assurance software, including more than 6 years in the ASPICE environment in supplier support. Until last month, he was the VW representative in AK 13 of the VDA QMC.

**Ting YOU**

**QM Mechatronic & Software**  
**Schaeffler Greater China**

- Schaeffler Greater China, QM Mechatronic & Software
- VDA QMC China Software Quality Advisory Board Member
- VW SQIL
- intacs<sup>®</sup> Principal Assessor
- ISAQB<sup>®</sup> Certified Professional for Software Architectur

**ZHU Zhipeng**

**System & Software Quality and Process Improvement**  
**Valeo GTC China**

- Graduated from Jilin University, majoring in Mechanical Engineering and Automation
- 15+ project management and process improvement work experience in MNC
- intacs<sup>®</sup> Certified Automotive SPICE<sup>®</sup> Competent assessor

## ASPICE 4.0 – 24 Months later: Does AutomotiveSPICE<sup>®</sup> 4.0 and the VDA Guideline 2.0 meet the expectations?

After a brief introduction of essential, exemplary changes in the PAM 4.0 / Guideline 2.0, this workshop will use interactive group work and discussions to determine whether the expectations and objectives of the revision have been achieved. On the one hand, these are to create a more uniform and better understanding of the PAM, which is also reflected in more comparable results, and on the other hand, in particular, to create a clearer distinction between what is sufficient or absolutely necessary for achieving CL1, and what is only required for CL2. The topics which will be further elaborated in the working groups are a mixture of topics identified in advance by the workshop organizers (e.g., such as revising the software integration and integration test processes (SWE.4), shifting the strategy from CL1 to CL2, etc.) and topics identified in the workshop by the participants. Experience with the PAM 4.0 and the VDA Guideline 2.0 is recommended for the workshop participants.





**Frank Wu**

**Partner & Head of TISAX  
KPMG China**

- Cyber security expert of KPMG China, with 20 years of experience in Information Security and IT consulting.
- Frank has participated in the research of national cyber policies and standards, especially in the fields of Cybersecurity compliance, ISO27001, NIST, GDPR, TISAX/VCSA, CSMS/ISO21434, etc., helping enterprises to well understand and realize specific regulatory requirements.
- Frank is responsible for the TISAX audit and “Enterprise going global compliance” consulting services of KPMG China, including information security governance and planning for automotive clients.



**Kiki Zhao**

**TISAX Lead Auditor  
KPMG China**

Kiki Zhao serves as a certified TISAX Leader Auditor in KPMG's Cybersecurity team. With extensive experience in TISAX training, consulting, and auditing, she possesses deep expertise in OEM supplier information security risk management policies. She has consistently delivered cross-border advisory services, helping clients achieve robust information security compliance and risk mitigation.

## TISAX & Cybersecurity Mystery Game

Based on the latest TISAX standards, you will experience the practical drill of cybersecurity in an automotive company, deep understanding TISAX audit terms within a mystery game, and receive the latest trends and implementation of TISAX.



**Han XIAO**

**Head of Quality Engineering Capability  
IAS BU, HUAWEI**

Software quality expert in Huawei, head of Quality Engineering Capability in IAS BU of Huawei, member of Huawei Expert Committee, head of Huawei FSAC (Functional Safety Assessment Center), vice-president of Huawei FMEA Association, member of VDA QMC SWQ Advisory Board China. Over 15 years working experience in scope of automotive software development, development management and software quality management in Nuremberg R&D Center of Siemens AG, Munich R&D Center in BMW AG, Volkswagen Group China.

## Quality Management System compliant with AI ACT

On March 13, 2024, the European Parliament adopted the EU AI Act, marking a new era in global regulation of artificial intelligence. The Act aims to protect fundamental rights, democracy, the rule of law, and environmental sustainability from the risks posed by high-risk AI. We hope to discuss during this workshop how to establish a quality management system in the automotive sector that complies with the EU AI Act.



20 Nov. 2025 (Thu.)

## Conference day - Plenary session

**Moderator:** **Stefan Bücke** | General manager, VDA QMC China  
**Dr. Jan Morenzin** | Head of certification office, VDA QMC

TIME	TOPIC	SPEAKER	LAN
09:00-09:10	Opening Speech	Stefan Bücke General manager, VDA QMC China	EN
09:10-09:30	Keynote Speech	Lin ZHANG Chief Representative and General Manager, German Association of the Automotive Industry (VDA) China	CN
09:30-10:00	Automotive SPICE – Latest News from the Certification Office	Dr. Jan Morenzin Head of certification office, VDA QMC	EN
10:00-10:20	Tea Break		
10:20-11:10	AutomotiveSPICE® & Chinese Speed – Contradictory or Complementary?	Dr. Dirk Hamann Deputy Head VDA QMC WG13 Software Quality Management Governance, Schaeffler AG	EN
11:10-11:45	VDA QMC Software Quality Advisory Board China – Software Quality Collaboration under Long-Termism	WANG Qi Chairman of Software Quality Advisory Board China Manager of Volkswagen Group Quality Software Cyber Security	CN
11:45-12:25	<b>Summary of Workshops</b> YOU Ting – Schaeffler Greater China (SW Product Q Metrics) Dirk Hamann – Schaeffler AG (ASPICE 4.0 –24 Months later: Does AutomotiveSPICE®4.0 and the VDA Guideline 2.0 meet the expectations?) Kiki ZHAO – KPMG China (TISAX & Cybersecurity Mystery Game) Han XIAO – HUAWEI (Quality Management System compliant with AI ACT)		
12:25-12:35	Group Photo		
12:35-13:30	Lunch Break		
13:30-14:05	The gap in Automotive quality standards regarding system and software development – Experiences and feedback how to do it wrong!	Bernhard Sechser intacs® Principal Assessor & Instructor Member of the intacs® Advisory Board Managing Director of Process Fellows GmbH	EN

TIME	TOPIC	SPEAKER	LAN
14:05-14:40	From black-box to white-box_ Become a technical company	Dr. Thorsten Henninger Head of VCTC Quality Assurance Volkswagen Group (China) Technology Co., Ltd.	EN
14:40-15:15	Software development challenges in the Era of Intelligent and the application of ASPICE in vehicle software development	LI Lei Director, Great Wall Motor	CN
15:15-15:45	MB.OS: Transforming Production for Software-Driven Vehicles	Sophie Girschewski Senior Manager Electrics/Electrical Planning R&D, Mercedes-Benz	EN
15:45-16:05	Tea Break		
16:05-16:55	Exploration and Experience of End-to-End Quality Management for Level-4 Autonomous Driving	Jian PENG Supply Chain VP, Pony.ai	CN
16:55-17:30	Software quality to meet multiple management system requirements	Han XIAO Head of Quality Engineering Capability, IAS BU, HUAWEI	CN
17:30-18:05	German Quality as solid base for Chinese Speed	CHEN Jianhua Head of GQ CARIAD China Corporate Quality in CARIAD China	CN
18:05-18:35	Podium Discussion		
18:35-18:40	Speakers Award		
18:40-18:50	Closing Note for Day 1	Stefan Bücke General manager, VDA QMC China	EN
18:50-19:00	Break - Transfer the place		
19:00-22:00	Evening event		

The above preliminary program may change slightly until the conference day

**Dr. Jan Morenzin****Head of certification office  
VDA QMC**

- Jan studied electronic engineering and Physics. He finished his education with a PhD in Physics.
- After that he started working as software engineer and project leader for embedded development.
- Within the last 20 years he worked as freelancer in different roles for embedded automotive and non-automotive development.
- Since 2007 he is responsible for the VDA QMC activities on Automotive SPICE.
- He is member of several standardization working groups such as VDA QMC PG13 or ISO/IEC JTC1/SC7.
- Since 2021 Jan is head of the VDA QMC certification office for Automotive SPICE.

## Automotive SPICE – Latest News from the Certification Office

In this presentation the latest news from VDA QMC and the certification statistics will be presented.

**Dr. Dirk Hamann****Deputy Head VDA QMC WG13  
Software Quality Management Governance, Schaeffler AG**

Background: 10 years' Consultancy mainly in the Automotive Domain

- Leading SPI Programs at OEMs & Suppliers

Current Position: Senior Expert at Schaeffler AG (15+ years at Schaeffler)

AutomotiveSPICE: ▪ Bootstrap Assessor since 1998, SPICE Assessor since 2001, AutomotiveSPICE Principal Assessor since 2010

- Former Trainer to become Provisional SPICE Assessor (trained ~200 people)

- Member of VDA WG/PG13 since 2012, Deputy of VDA WG13 since 2020

Others: ▪ Speaker/Workshop Moderator of many International Conferences on SW Engineering and Quality, including the VDA Automotive SYS Conferences Germany and China

- Functional Safety Professional (FSP), certified since 2012

## AutomotiveSPICE<sup>®</sup> & Chinese Speed – Contradictory or Complementary?

This presentation explores the perceived tension between AutomotiveSPICE<sup>®</sup> (ASPICE) and the rapid development cycles prevalent in the Chinese automotive industry.

Is ASPICE a roadblock to speed, or does it provide essential structure for robust and secure product development in a dynamic environment? We analyze challenges in ASPICE implementation within fast-paced settings, focusing on maintaining flexibility and integrating agile methodologies efficiently.

The talk will demonstrate how ASPICE can not only ensure quality and compliance but also act as an enabler for sustainable speed by reducing errors, promoting repeatability, and building a solid foundation for innovation.

The objective is to illustrate strategies for Chinese manufacturers and their partners to optimally leverage the benefits of both approaches, transforming apparent contradiction into powerful complementarity.

**WANG Qi**

**Chairman, VDA QMC Software Quality Advisory Board China  
Manager, Volkswagen Group Quality Software Cyber Security**

Ms. Qi Wang has over 17 years of experience in automotive quality management, having held several key positions at Volkswagen Group in both China and Germany. She has demonstrated exceptional leadership and adaptability in various market environments, successfully advancing and implementing numerous strategic projects. She is currently based at the Volkswagen Group's headquarters in Germany and is responsible for quality software cyber security.

At the same time, as the Chairman of the Software Quality Advisory Board at VDA QMC China, Ms. Qi Wang has enhanced the industry's software quality standards and overall technical levels by establishing key partnerships and promoting best practices.

She has made significant contributions in the field of automotive software quality management, being responsible for or participating in dozens of cross-regional and organizational projects. These projects have covered areas such as software quality, cybersecurity, smart connectivity, and autonomous driving systems.

## VDA QMC Software Quality Advisory Board China – Software Quality Collaboration under Long-Termism

This presentation will provide an overview of the development of the VDA QMC Software Quality Advisory Board (China) over the past year (2025). It will highlight the Board's key contributions that have positively impacted software quality in the automotive industry, including initiatives such as the Project Software Metrics. The presentation will also offer insights into the Board's future outlook and strategic direction.

**Bernhard Sechser**

**intacs<sup>®</sup> Principal Assessor & Instructor  
Member of the intacs<sup>®</sup> Advisory Board  
Managing Director of Process Fellows GmbH**

Since nearly 30 years, Bernhard Sechser has been designing and improving livable processes with his colleagues, customers, and partners that add real value and do more than just help to meeting standards.

In working groups and committees on the topics of Automotive SPICE<sup>®</sup>, Functional Safety and Cybersecurity, he develops solutions together with other experts to make the world of tomorrow a bit more comprehensible.

Whether in seminars or coaching, he tries to give his participants practical answers to all their questions. And where that is not possible, he researches other options.

As longtime member of the intacs<sup>®</sup> Advisory Board and head of the working group Internationalization he supports the international SPICE community by organizing regular information exchange meetings with the Regional Representatives.

## The gap in Automotive quality standards regarding system and software development – Experiences and feedback how to do it wrong!

Besides the still popular Automotive SPICE<sup>®</sup> PAM in its current version 4.0, there are a lot of other standards and assessment models on the market that try to fill the gap between “standard” Quality Management Systems (QMS) on organizational level and development-specific system and software processes. Special expectations and methods like agile approaches, model-based design, data management, functional safety and cybersecurity aspects make it difficult to see and understand which and how much effort is necessary to be compliant and to get a kind of “certificate” as confirmation of successful implementation. Some people even think that the flood of models does not support but hinder the projects in achieving an acceptable result and satisfying the customer in time, in budget, and in competition with other companies and countries. Is this really the case? Is it a tricky campaign from some populists? Or is it just a big misunderstanding what SPICE wants to achieve? intacs<sup>®</sup> – still the only accepted certification scheme for Automotive SPICE<sup>®</sup> experts and assessors – will not only present the latest updates in the procedures but will also provide critical feedback why ASPICE<sup>®</sup> is not the problem, but the solution if not applied adequately.





**Head of VCTC Quality Assurance**  
Volkswagen Group (China) Technology Co., Ltd.

Dr. Henninger Thorsten holds a Ph.D. in Physics. He has worked at the Volkswagen Group for 13 years, taking up various quality-related leadership positions in companies including Volkswagen AG, SAIC VW, and CARIAD. Now he is Head of VCTC Quality Assurance department.

**Dr. Thorsten Henninger**

## From black-box to white-box\_Become a technical company

The presentation will major contain two parts:

- Part 1: VCTC strategy - In China for China adaptation and Strength including CEA;
- Part 2: Technical - SW&HW decoupling: Hardware VW DNA + new Software Capability



**Director**  
Great Wall Motor

R&D Director of Great Wall Motor, ASPICE Provisional Assessor, focusing on the research, development, and management of new energy vehicle control software, with over 15 years of experience in automotive control software development and architecture design, I spearheaded the establishment of Great Wall Motor' s full lifecycle software development and software quality management system. I also led the construction of Great Wall Motor' s vehicle control software architecture platform, enabling the development and production application of electronic control system software products such as vehicle controllers, power domain controllers, and body domain controllers. This has effectively supported the rapid implementation and application of Great Wall Motor' s intelligent hybrid architectures such as Hi4, Hi4-Z, and Hi4-T.

**LI Lei**

## Software development challenges in the Era of Intelligent and the application of ASPICE in vehicle software development

In the era of intelligent cars, the complexity of software and the demand for safety have surged, posing significant challenges to development and quality assurance. Based on ASPICE, we have established a full lifecycle software quality management system. By sharing application cases, we explore the application of quality management in requirements management, system integration, and testing, providing a reference for the industry to achieve safe and reliable intelligent upgrades for vehicles.



**Senior Manager Electrics/Electrical Planning R&D  
Mercedes-Benz**

Sophie Girschewski is Senior Manager Electrics/Electrical Planning R&D at Beijing Benz Automotive Company (BBAC). She drives the rollout of the Mercedes-Benz Operating System (MB.OS) to the production plants in China, overseeing production toolchain adjustments, IT integrations, process changes, communication and trainings.

As part of the rollout of MB.OS to China she also initiated and led the first successful proof-of-concept for over-the-air vehicle updates with Wifi. She also acts as Car IT security officer overseeing IT security compliance, manages E/E commissioning across all vehicle models during prototyping and high-volume production and ensures commissioning software maturity.

**Sophie Girschewski**

## MB.OS: Transforming Production for Software-Driven Vehicles

The transformation towards software-driven vehicles is reshaping not only customer expectations but also the way cars are developed and produced. With the Mercedes-Benz Operating System (MB.OS) Mercedes is moving from hardware-centric engineering to a flexible, secure and updatable software platform. This shift requires a fundamental rethinking of production processes: from integrating new IT infrastructures and flash strategies on the production line to ensuring continuous over-the-air updates after delivery. The presentation will highlight how MB.OS drives this transition, the impact on manufacturing systems, the way software is released to meet highest Quality standards and the opportunities it creates for agility, efficiency and customer-centric innovation.



**Supply Chain VP  
Pony.ai**

Jian Peng joined Pony.ai in 2017, initially serving as the Head of Hardware R&D. He led several hardware development projects and hardware operations for the autonomous driving fleet, and presided over the hardware development and operational cooperation for several collaborative projects between Pony.ai and GAC Group. Since 2020, Jian Peng has transitioned to become Supply Chain VP, taking full responsibility for the company's procurement, contract manufacturing, and quality management.

**Jian PENG**

## Exploration and Experience of End-to-End Quality Management for Level-4 Autonomous Driving

This presentation will share Pony.ai's systematic thinking on autonomous driving quality management. It will focus on two key aspects. First, R&D quality and testing quality – how to ensure algorithm's safety and reliability through simulation testing and closed-loop validation, and application of the V-model in Level-4 autonomous driving technology development. Second, operational quality – how to establish real-time monitoring and OTA mechanisms to ensure efficient and stable fleet operation and maintain algorithm iteration speed. Through this systematic quality management tailored to the specific needs of autonomous driving, we ultimately build an end-to-end quality management system, laying a solid foundation for the scaling and commercialization of Level-4 autonomous driving.





**Head of Quality Engineering Capability  
IAS BU, HUAWEI**

Software quality expert in Huawei, head of Quality Engineering Capability in IAS BU of Huawei, member of Huawei Expert Committee, head of Huawei FSAC (Functional Safety Assessment Center), vice-president of Huawei FMEA Association, member of VDA QMC SWQ Advisory Board China. Over 15 years working experience in scope of automotive software development, development management and software quality management in Nuremberg R&D Center of Siemens AG, Munich R&D Center in BMW AG, Volkswagen Group China.

**Han XIAO**

## Software quality to meet multiple management system requirements

As the concept of SDV becomes to realization and the intelligent connectivity functions of vehicles continue to deepen, an increasing number of software-related standards, regulations, and management system requirements are entering the automotive industry. This topic will explore how enterprise can meet legal, regulation, and diverse customer requirements through an integrated and scalable software quality system.



**Head of GQ CARIAD China  
Corporate Quality in CARIAD China**

Mr. Chen Jianhua, as head of GQ in CARIAD China, is leading holistic innovation of Software Quality Management following 'In China for China' strategy.

Career track for Mr. Chen Jianhua:

- 30+ years in Automotive industry, expertise domain covering manufacturing, supplier management, quality management, etc.
- 20+ years in VW Group Quality department, leading organizations across countries and regions

**CHEN Jianhua**

## German Quality as solid base for Chinese Speed

As with always changing environment and continuously developed technology in China, we are forced to re-think, what would be the principle for software quality management. CARIAD China holds the opinion that, German quality is still solid base for Chinese Speed.

In this presentation, Mr. Chen Jianhua, as head of GQ in CARIAD China, would deliberate the core value for 'German Quality' and why it is still solid base for Chinese speed in today's automotive industry in China.

Along with each value item, Mr. Chen Jianhua would provide concrete examples accordingly on practices of CARIAD China, following 'in China for China' strategy.



21 Nov. 2025 (Fri.)

**Conference day - Parallel session 1**

**Moderator:** **WANG Yiqun** | Director of UMovcom Information Technology (Shanghai) Inc.  
intacs regional representative of China & Assessor Training WG member  
**DAI Sijia** | Business Development Manager, VDA QMC China

TIME	TOPIC	SPEAKER	LAN
09:00-09:10	Morning Keynote	WANG Yue Quality Assurance Customer-oriented Supervision & System Director, SAIC Motor Passenger Vehicle Company	CN
09:10-09:55	Modernizing ASPICE for Software- Driven Automotive Development	Yasar Isik Principal Software Assessor Volkswagen AG	EN
		Julian Eurich Principal Software Assessor Volkswagen AG	EN
09:55-10:35	Driving the Transition to ASPICE 4.0: Managing Risks and Complexity in Modern Automotive Development	Huan WANG Quality & Safety Senior Manager VALEO GTC China	CN
		Balazs HARMAN Group ASPICE Manager VALEO GmbH Germany	EN
10:35-10:55	Tea Break		
10:55-11:30	Software Quality Management Practice In FVW	Baixu LIU Software Assessment Team Leader FAW-VW	CN
11:30-12:05	From ECUs to the Cloud: Integrating ASPICE Models for End-to-End Automotive Systems	MANN YEE, OOI Senior Manager Supplier Quality Management, (SQM) Software AUMOVIO	EN
12:05-12:35	Staying true to our original aspirations, Return to ASPICE's Essence	Yangyang HUI Software Quality Senior Manager ZEEKR	CN
12:35-13:30	Lunch Break		

TIME	TOPIC	SPEAKER	LAN
13:30-14:20	The Role of Artificial Intelligence in Transforming ASPICE Work Product Development	Peter Bovenzi Global Chief of Engineering Excellence, BorgWarner, PowerDrive Systems	EN
		Chad Kymal CTO, Founder, Omnex Inc	EN
		Hengyu WANG Manager, Engineering Excellence China PDS, BorgWarner	CN
14:20-14:55	Bridging Process and Safety: How to Make ASPICE and FuSa Work Together	Dongsheng (Robin) XU Senior consultant, Vector Automotive Technology (Shanghai) Co., Ltd.	CN
14:55-15:15	Framework for project related tailoring of ASPICE with target orientated use of AI in the development	Thorge Mess Associate Partner, P3 Group	EN
15:15-15:35	Tea Break		
15:35-16:25	Unlocking Resources - The Path to Reuse within the ASPICE Framework	LI Lei Director of E-Drive Product Line & Software Platform Department Zhuhai Enpower Electric Co., Ltd.	CN
16:25-17:00	Collaborations between Functional Safety and Automotive SPICE	PENG Yuhe Technical Expert Intacs WG Functional Safety UMovcom Information Technology (Shanghai) Inc	CN
17:00-17:30	Podium Discussion		
17:30-17:40	Speakers Award		
17:40-17:50	Closing Note	Stefan Bücke General manager, VDA QMC China	EN

The above preliminary program may change slightly until the conference day



**Principal Software Assessor  
Volkswagen AG**

Yasar Isik is a Principal Software Assessor in the Software Quality department at Volkswagen AG, holding a Master's degree in Computer Science. He conducts global supplier assessments, manages multiple suppliers, and develops targeted risk mitigation strategies - particularly in technical implementation. With a background in software development and project leadership at Robert Bosch GmbH and Volkswagen AG, he combines deep technical knowledge with strategic consulting expertise.

**Yasar Isik**



**Principal Software Assessor  
Volkswagen AG**

- Master of Science in Industrial Engineering from Technical University of Darmstadt
- Intacs<sup>®</sup> Principal Assessor
- 80+ supplier assessments
- Lecturer at universities for Mobile Development and Systems Engineering
- Meanwhile since 2019 at Volkswagen AG

**Julian Eurich**

## Modernizing ASPICE for Software-Driven Automotive Development

The automotive industry is undergoing a fundamental transformation: vehicle development is increasingly driven by software, and new functionalities must reach the market in ever shorter cycles. This shift challenges traditional development models and puts established process frameworks like ASPICE under pressure. While ASPICE remains essential for ensuring software and process quality, its conventional interpretation—characterized by heavy documentation, rigid review cycles, and delayed feedback—often conflicts with the needs of modern, agile development environments.

This presentation explores how ASPICE can be reinterpreted to better align with software-driven, fast-paced development processes. We propose a leaner, value-oriented approach that reduces unnecessary overhead while preserving compliance and quality. Particular focus is placed on applying these principles in the context of zonal system architectures, where the integration of hardware and software becomes even more complex. Practical examples will show how organizations can use ASPICE not as a constraint, but as an enabler for high-quality, scalable software development in the age of the software-defined vehicle.



**Quality & Safety Senior Manager**  
**VALEO GTC China**

Huan WANG as Valeo Global Technical Center China R&D quality manager for System, Software and HW quality team management, process improvement and quality control. She is Automotive SPICE competence assessor and member of VDA SWQ AB China.

**Huan WANG**



**Group ASPICE Manager**  
**VALEO GmbH Germany**

Balazs HARMAN as VALEO Group ASPICE Manager is responsible for the corporate ASPICE assessment strategy and leads VALEO's team of ASPICE assessors. He is Automotive SPICE principle assessor and also member of VDA Working Group 13, the authors of ASPICE.

He has 18+ years' experience in the automotive industry, working for ThyssenKrupp PRESTA (steering systems) and BOSCH (automotive electronics and powertrain) before joining VALEO 3 years ago.

**Balazs HARMAN**

## Driving the transition to ASPICE 4.0: Managing risks and complexity in modern automotive development

The automotive megatrends such as electrification, connectivity and automated driving bring safety and complexity of software-defined vehicles to the next level. These advancements significantly increase both the complexity and safety requirements of software-defined vehicles. As a result, managing product risks has become more critical than ever. At the same time, the pressure to accelerate time-to-market demands more efficient development processes. This presentation explores the key drivers behind the transition to ASPICE 4.0 and explains how it can be leveraged to effectively address the emerging challenges facing the industry.



**Software Assessment Team Leader**  
**FAW-VW**

- Master's degree in Mechatronic Engineering from Harbin Institute of Technology
- Automotive SPICE Competent Assessor
- Software Assessment Team Leader of FAW-Volkswagen Automotive Co., LTD
- 100+ software audit experiences
- More than 15 years of experience in software quality and function management
- Experience in domain controller hardware quality management and connectivity project management

**Baixu LIU**

## Software Quality Management Practice In FVW

- Software quality management system based on ASPICE, covering the entire lifecycle of software management
- Self-developed software quality management practice sharing, including the practice of conducting function reviews based on ASPICE
- Overview of supplier software quality management, including quality activities and methodology for implementation
- Sharing of supplier software quality management practices, including quality node control, audit library, and other practices
- The application of ASPICE under different development methods, such as agile development and machine learning development



**MANN YEE, OOI**

**Senior Manager  
Supplier Quality Management (SQM) Software, AUMOVIO**

Mr. Mann Yee, Ooi is part of AUMOVIO' s Global Central Function: Supplier Quality Management for Software category and is responsible for evaluating and qualifying software suppliers in Asia in accordance with Automotive SPICE.

He is also recognized as Senior Expert for Supplier Quality in 3rd Party Software, responsible to provide consultancy and needed support in case of 3rd Party Software handling within AUMOVIO.

He is now Automotive SPICE Principal Assessor and has been actively performing Automotive SPICE assessments and enabling software suppliers to improve their development process aligned with Automotive Quality.

## From ECUs to the Cloud: Integrating ASPICE Models for End-to-End Automotive Systems

This presentation shares our experience in applying a **flexible, use-case-driven assessment strategy** to support the complexity of such systems. We showcase how we have deployed and integrated multiple models: ASPICE 4.0 for standard process assurance, **ASPICE for Machine Learning** to address AI-driven functionalities, **ASPICE for Cybersecurity** for threat-resilient architectures, ASPICE Potential Analysis for early-phase maturity evaluations, and **SPICE for IT Services** to cover IT-related domains. Each model supports different layers of our system architecture and development lifecycle. This session invites VDA ASPICE practitioners and assessors to explore how combining these models enables scalable, targeted assessments and fosters continuous improvement across diverse automotive use cases.

**Yangyang HUI**

**Software Quality Senior Manager  
ZEEKR**

With 15 years of experience in software development and quality management, currently serving as software quality senior manager at ZEEKR Quality Center, responsible for software QMS construction and software quality management. Successfully led the establishment of software QMS and process improvement for a certain ICT enterprise, traditional and new EV OEM. With years of process capability assessment experience in self-developed and supplier software, implementation Experience in Agile Development Projects from Zero to One, and IPD process transformation implementation experience.

## Staying true to our original aspirations, Return to ASPICE's Essence

- 1.What pain points do OEMs and suppliers face in software delivery amid China' s automotive industry' s intensifying competition?
- 2.Analyzing typical real cases to identify root causes impacting software delivery quality.
- 3.Proposed solutions and practical insights addressing these root causes.



**Peter Bovenzi**

**Global Chief of Engineering Excellence  
BorgWarner, PowerDrive Systems**

Peter Bovenzi is the Global Chief of Engineering Excellence at PowerDrive Systems, BorgWarner

**Education**

- BSEE – University of Dayton
- MSEE – Purdue University – GM Fellowship recipient

**Experience**

- 40-year automotive engineering career including GM, Delphi, Delphi Technologies, and BorgWarner PowerDrive Systems
- Worked in eight different technical centers in the US and Mexico
- Positions held include Adv. Mfg. Engineer, Product Engineer, Platform Release Engineer, System Engineer, Lead System Engineer, Launch Manager, Staff Product Engineer, Staff Mfg. Engineer, Adv. Mfg. Chief Engineer, Global Chief Mfg. Engineer, Senior Technologist



**Chad Kymal**

**CTO, Founder  
Omnex Inc**

- Chad Kymal is the CTO and founder of Omnex Inc., an international consulting, training, and software organization headquartered in the United States.
- Chad is a member of ISO TC 176, TC 207, Functional Safety and AS 9115 for Software Quality. He is a Principal Assessor and a trainer for intacs<sup>®</sup> certified ASPICE courses.
- He has published numerous papers and six books about Management Standards and Quality.
- He has conducted hundreds of audits in many different sectors from Aerospace to Steel to Distributors to Electronics and Semiconductors in North America, Asia, and Europe in the last 20 years.
- Chad assesses and works in automotive systems, hardware, and software for Agile, ASPICE, Cybersecurity and Functional Safety ISO 26262.
- He is on the writing committee of ISO 26262 3rd edition as a US representative on Part 6 and Chair of NASPICE.



**Hengyu WANG**

**Manager, Engineering Excellence China PDS  
BorgWarner**

## The Role of Artificial Intelligence in Transforming ASPICE Work Product Development

Last year, BorgWarner & Omnex introduced a groundbreaking topic on The Role of Artificial Intelligence in Developing ASPICE-Compliant Embedded Systems, showcasing how AI can conduct Work Product Reviews. Building upon that foundation, this year's presentation explores how the team applied advancements in AI and Large Language Models (LLMs) to enhance the reviews and verification of work products, by analyzing images, PDFs, and workflows within the scope of Automotive SPICE (ASPICE) compliance.

We successfully deployed the Work Product Reviewer across six embedded systems projects, spanning OEM-specific applications (modified variants and novel programs). This session will provide insights into:

- Analysis of artifacts by the work product reviewer across 12 key processes (e.g., Architecture, Requirements, Test Cases, and Planning).
- Challenges, lessons learned, and the impact of deploying the Work Product Reviewer across six projects, with a focus on product development and quality assurance.
- Best practices for integrating work product reviewer into new product development and organizational workflows.
- Technology selection: Classic NLP vs. LLMs—choosing the right approach.
- The future: Transitioning the Work Product Reviewer to support PAM 4.0 and leveraging Generative AI to create and refine work products.

Join us to explore how AI-driven automation is driving ASPICE compliance and enhancing engineering process quality.





**Dongsheng XU  
(Robin)**

**Senior consultant  
Vector Automotive Technology (Shanghai) Co., Ltd.**

Robin is a Senior Consultant at Vector Consulting Services, specialized in Functional Safety, ASPICE, and Cybersecurity. He has extensive experience in AI tool development, model-based engineering, and automotive system integration. Robin led NOP safety certification, supported ASPICE and FuSa assessments for major OEMs and Tier 1s, and delivered ASPICE Level 2 compliance solutions. His engineering expertise covers ADAS fault injection testing, AUTOSAR-ROS safety integration, ISO 8800 training, fuzz testing, and CVE-based vulnerability scanning. He also designed AI agents (ARCHMind, FUSAMind) for architecture generation and HARA analysis. Robin holds a Master's in Automotive Electronics from Tongji University and certifications including FSCP (TÜV SÜD), intacs<sup>®</sup> Provisional Assessor, CPRE (IREB), and AWS Cloud Practitioner.

## Bridging Process and Safety: How to Make ASPICE and FuSa Work Together

This presentation explores the integration of ASPICE and ISO 26262 to enhance efficiency and consistency in automotive development. By aligning processes (ASPICE SYS.1–SWE.6 with FuSa Part 4–6), reusing evidence, and synchronizing activities such as requirements, design, and testing, organizations can reduce duplicated effort and shorten verification cycles. Case studies illustrate both success and pitfalls, highlighting the importance of shared evidence and synchronized design. Practical strategies include unified document templates, cross-functional collaboration, and toolchain integration, supported by AI and automation for traceability and review. The session concludes with key recommendations—Single Source of Truth, Activity Reuse, and Evidence Synchronization—and an outlook toward digitalized, AI-driven quality management.



**Thorge Mess**

**Associate Partner  
P3 Group**

Thorge Mess is an associated partner of P3 Group in Germany. For more than 15 years he is consulting various customers on behalf of P3. He is an expert for ASPICE and System Engineering. Next to that he oversees projects about management systems, legal compliance, cross-department team steering and general management consulting. Within the last years Thorge Mess was a supporting expert for various international projects by P3 in China focusing on software defined vehicles and enabling fast development of automotive software systems.

## Framework for project related tailoring of ASPICE with target orientated use of AI in the development

Automotive software development faces a persistent dilemma: balancing ASPICE compliance with agile methods and increasing delivery speed. The presentation introduces a structured framework for project-related tailoring of ASPICE that preserves compliance while enabling flexibility and efficiency. The approach focuses on purpose-driven, goal-oriented tailoring with a scope aligned to project needs. It further explores how artificial intelligence can be applied at both organizational and project levels to identify process improvement potentials and enhance governance transparency. Through practical examples, the session demonstrates how AI can act as an enabler for adaptive ASPICE implementation, maintaining quality, reducing overhead, and accelerating development. The result: smart, efficient, and compliant engineering ecosystems.



**LI Lei**

**Director of E-Drive Product Line & Software Platform  
Department**  
Zhuhai Enpower Electric Co., Ltd.

Current Director of the E-Drive Product Line and Software Development Department at Enpower. With over 13 years of experience in product development and team management for E-drive systems, he has extensive hands-on expertise in hardware, software, and system product development, and is also a seasoned functional safety expert. He will leverage his multi-dimensional experience from an engineer to a manager to share insights on transforming high-standard process requirements into practical advantages in complex product development.

## Unlocking Resources - The Path to Reuse within the ASPICE Framework

How do we balance the rigorous demands of ASPICE with the need for speed? This talk presents our strategic shift to a unified product platform, outlining the implementation of a modular reuse strategy that transforms compliance into a competitive advantage and demonstrating how this approach enables rapid, agile responses to diverse customer requirements without compromising on quality.

**PENG Yuhe**

**Technical Expert**  
**Intacs WG Functional Safety**  
UMovcom Information Technology (Shanghai) Inc

Graduated from Nanyang Technological University majored in Computer. The Master Research area is about computer vision. Having been working in NIO, TUV SUD, Continental Automotive Singapore, Nanyang Technological University. Rich experience in Functional Safety, Cybersecurity Security, ASPICE and Software development. Currently working in UMovcom as technical expert. Intacs Certified ASPICE Principal Assessor, Member of intacs Working Group Functional safety.

## Collaborations between Functional Safety and Automotive SPICE

The functional safety plays an important role in automotive industry. How to deal with ASIL (safety integrity level) affecting the Automotive SPICE assessment is always discussed and cannot be ignored. The demand to standardize the functional safety audit process determining the process maturity in functional safety is increasing. In this presentation, the detailed comparison of Automotive SPICE assessment, functional safety audit and functional safety assessment introduced. Furthermore, the novel collaboration models between Automotive SPICE and Functional Safety proposed.

21 Nov. 2025 (Fri.)  
Conference day - Parallel session 2

Moderator: YIN Zhengxi | Senior Quality Manager, VDA QMC China

TIME	TOPIC	SPEAKER	LAN
09:00-09:10	Morning Keynote		
09:10-09:55	Odyssey into Data-Driven Development	Xiaogang TIAN Supplier Quality Software Assistant Manager, Volkswagen (China) Investment Co., Ltd.	CN
		Yao XIAO Software Quality Engineer, Shenzhen Zhuoyu Technology Co., Ltd.	CN
09:55-10:35	Intelligent Driver Assistance Supply Chain: The Quality-Driven Path to Collaborative Innovation and Transformation	Kai Ren Customer project quality head&Senior software quality expert, Horizon Robotics	CN
10:35-10:55	Tea Break		
10:55-11:30	Ensuring Trustworthy AI with ISO PAS 8800 – TÜV Rheinland Approach	Bin ZHAO General Manager, Industrial Services and cybersecurity, TÜV Rheinland Group Greater China	CN
11:30-12:05	Technical Risk Analysis Software Functionality	Stefan Glissnik Head of Bosch Mobility Customer and Software Quality, Robert Bosch GmbH	EN
12:05-12:35	Introduction to 3C and China CAV Certifications in the Field of Automotive Safety and security in the New Era	TONG Lingsheng Director, CQC	CN
12:35-13:30	Lunch Break		
13:30-14:20	From Chaos to Capability – an evolution inspired by ASPICE	Juya WANG Lead Consultant, UL Solutions	CN
		Jerry MEI Director Quality and Plant Manager, Marquardt Electronics Technology (Shanghai) Co., Ltd.	CN

TIME	TOPIC	SPEAKER	LAN
14:20-14:55	AI assist Process Digital Twin	Xueli(Sheryl) Li Director, Engineering Excellence, Harman International, Car Audio	CN
14:55-15:25	AutomotiveSPICE: Leading factor for automotive compliance	Peter Zhao Senior Expert, DEKRA China	CN
15:25-15:45	Tea Break		
15:45-16:10	TISAX & Its Business Value	Frank WU Partner & Head of TISAX, KPMG China	CN
16:10-16:45	ISO/PAS 8800:2024 Road Vehicles — Safety and Artificial Intelligence	Zuning LIN Leader Auditor, DQS	CN
16:45-17:15	Podium Discussion		
17:15-17:25	Speakers Award		
17:25-17:35	Closing Note	Stefan Bücke General manager, VDA QMC China	EN

The above preliminary program may change slightly until the conference day

**Xiaogang TIAN**

**Supplier Quality Software Assistant Manager  
Volkswagen (China) Investment Co., Ltd.**

Focus on automotive software quality for over a decade, responsible for Supplier Software Quality at Volkswagen (China) Investment Co., Ltd. since 2021, built up the capability of the local software quality assessment team, which effectively backs up the group's supply chain localization, and contributed to local supplier's qualification. As an ASPICE Principal Assessor, led over hundred assessments, and during spare time, ongoing contributions are made to the software quality community, as member of the SWQ Advisory Board and board member of CSN (Chinese SPICE Network). Close collaboration with industry experts is maintained to continuously explore new focuses and areas within software quality, such as cybersecurity, quality in agile/app development, and quality in AI development, among others.

**Yao XIAO**

**Software Quality Engineer  
Shenzhen Zhuoyu Technology Co., Ltd.**

Since 2022, I have been responsible for software development processes and quality management and improvement at Shenzhen Zhuoyu Technology. Holding qualifications as an ASPICE Provisional Assessor and SAFe Practice Consultant, I continuously explore the deep integration of software quality practices with large-scale agile methodologies, providing strong support for the high-quality development of intelligent driving R&D operations.

Currently, my focus lies in software quality management and safety assurance within emerging fields such as artificial intelligence, end-to-end NN model development, and LLMs. I aim to embed quality control into every phase of data-driven intelligent vehicle software development, exploring new pathways for quality enhancement in the era of intelligence.

## Odyssey into Data-Driven Development

The way we develop software is undergoing a transformation—shifting from mere logic-based design and implementation to data-driven development. So, how should software quality engineers prepare themselves to tackle these challenges? We'll share our insights on this topic and, furthermore, engage in a dialogue (tandem speech) to explore how the automotive industry can begin cultivating relevant process capabilities to stay abreast.



**Kai REN**

**Customer project quality head & Senior software quality expert**  
Horizon Robotics

Be responsible of Customer project quality and senior software quality expert of Horizon, with master degree and have 13 years of working experience, worked in global tier-1 and OEM for 10+ years, be professional on driver-assistance system, vehicle E/E software development, project management, and supplier quality management.

Holding qualifications as ASPICE Competent Assessor, Functional Safety Professional, ISO20000 Leader Auditor, and VDA 6.3 Internal Auditor.

## Intelligent Driver Assistance Supply Chain: The Quality-Driven Path to Collaborative Innovation and Transformation

### 1.Changes of automotive supply chain in China:

- Tier0.5 mode: OEMs and suppliers collaborate deeply in research and development.
- Supply chain reconstruction: hardware layer, software layer, and data closed-loop layer are reorganized.
- Quality control challenges: functional safety, SOTIF, and cybersecurity, “software-defined” brings more quality control challenges for system and vehicle verification and validation

### 2.Collaboration in intelligent driver-assistance supply chain

### 3.Introduction to Horizon Business Delivery Model

### 4.Introduction to Horizon Quality Management Approach

### 5.Suggestions

**Bin ZHAO**

**General Manager, Industrial Services and cybersecurity**  
TÜV Rheinland Group Greater China

Bin Zhao is the General Manager of Industrial Services and Cybersecurity at TÜV Rheinland Group Greater China. With over 20 years of experience at TÜV Rheinland, he is a Principal ASPICE Assessor (including Cybersecurity and Machine Learning) and a senior expert in Functional Safety (ISO 26262, IEC 61508, ISO PAS 8800) and Cybersecurity (ISO 21434). He leads training, audits, and assessments for multinational and domestic enterprises, with extensive involvement in autonomous driving, SOTIF, ASPICE, and cybersecurity evaluations. He is a member of the China Functional Safety Standard Committee and serves as a visiting professor at Liaoning University and East China University of Science and Technology.

## Ensuring Trustworthy AI with ISO PAS 8800 – TÜV Rheinland Approach

As AI systems are increasingly embedded in automotive applications, ensuring their safety and compliance requires a structured and expert-driven approach. This session introduces how TÜV Rheinland leverages ISO PAS 8800 to provide comprehensive technical assurance services—including professional training, AI capability assessment, management system audits, and rigorous safety testing. From evaluating triggering conditions in complex scenarios to verifying dataset integrity and AI model robustness, we help organizations navigate the challenges of preemptive safety and trustworthy AI. By aligning engineering practice with ISO PAS 8800, we empower OEMs and suppliers to build compliant, explainable, and trustworthy AI systems—bridging the gap between innovation and safety.


**Stefan Glissnik**

**Head of Bosch Mobility Customer and Software Quality  
Robert Bosch GmbH**

Stefan Glissnik studied industrial engineering at the Friedrich-Alexander-University Erlangen-Nuremberg in Germany and joined Bosch in 2012.

In the first years of his Bosch career, he held several purchasing roles with increasing responsibility for automotive electronics, transmission control units, and electric drives in Stuttgart and Bülh. In 2017, he was appointed Chief of Staff to the Executive Management of the Automotive Electronics division in Reutlingen, before being named Director of Quality for the Bosch automotive plant in Cluj, Romania. Since 2022, he has been Head of Customer and Software Quality for the Bosch Mobility business sector. In this role, he also represents the company in the VDA QMC's strategic quality management circle (VDA QMC SQMK).

## Technical Risk Analysis Software Functionality

Modern vehicles are increasingly software-defined, creating complex interactions between software, electronics, and mechanics. The established methods from the hardware sector do not adequately reflect the increasing importance of software in road vehicles. Software specific risk analysis methods in addition to System-FMEAs are required. In response, a new VDA QMC project group has been formed to develop a practice-oriented VDA volume / proposal for harmonization of technical risk analysis of software defined systems in road vehicles. Our goal is to enhance options for technical risk analysis for software while reducing bureaucracy and gaining speed.


**TONG Lingsheng**

**Senior Certification Engineer of China Quality Certification Center (CQC)  
Doctor of Vehicle Engineering, Senior Engineer**

He currently serves as Director of the Innovation and Development Department, Product Certification Division III (CQC), member of the Expert Steering Committee for the Promotion and Application of Methanol-Fueled Vehicles (under the Ministry of Industry and Information Technology, MIIT), expert in corrosion resistance test and evaluation of passenger vehicles at the China Consumer Council (CCC), Deputy Secretary-General of the Standards Working Committee of the China Society of Automotive Engineers (CSAE), and expert for WTO/TBT (Technical Barriers to Trade) Notification Review.

His main responsibilities include providing technical services for quality certification of automotive products, corporate training, R&D of research projects, formulation and revision of standards, implementation rules and detailed regulations, implementation of standards for information security and software upgrades, evaluation of intelligent connected vehicles (ICVs), and energy efficiency classification evaluation of new energy vehicles (NEVs). He has long been engaged in technical services such as quality certification, conformity assessment, factory audits and related corporate training. In addition, he is in charge of formulating implementation rules and managing certification for the China Automotive Vehicle Alliance (CAV) certification of GB44495 and GB44496.

## Introduction to 3C and China CAV Certifications in the Field of Automotive Safety and security in the New Era

In the era of intelligent connected vehicles (ICVs), the iteration of new technologies is accelerating, and safety remains the core of enterprise development and the focus of user attention. In the new era, relevant standards in fields such as functional safety, information security, and AI security have been released one after another. Among them, mandatory national standards (GB standards) such as GB44495 and GB44496 have been clearly incorporated into the scope of China Compulsory Certification (3C) and will be officially implemented on January 1, 2026. At the same time, certification programs of the China Automotive Vehicle Alliance (CAV) – including those for the Automatic Emergency Braking System (AEBS) and integrated assisted driving – will also be gradually launched. This topic will systematically introduce the current implementation status, planning directions, and development trends of these certification standards in China, aiming to help automotive enterprises and industrial chain players accurately grasp industry progress.



**Juya WANG**

**Lead Consultant  
UL Solutions**

- 15+ years of experience in the automotive industry, focusing on R&D quality management and process improvement for global supplier chain
- Automotive SPICE<sup>®</sup> Principal Assessor (extended with cybersecurity, agile, machine learning, potential analysis)
- VW qualified SQIL(SW-Quality Improvement Leader)
- UL Certified Cybersecurity Professional (ISO/SAE 21434:2021)
- UL Certified Autonomy Safety Professional (ISO 21448:2022)
- UL Certified Artificial Intelligence Professional (ISO/PAS 8800:2024)

## From Chaos to Capability – an evolution inspired by ASPICE

This speech focuses on the valuable experience of the local branches of traditional international automotive suppliers in implementing and promoting ASPICE, providing practical reference paths for peers and helping to improve the quality and efficiency of automotive software development.

**Jerry MEI**

**Director Quality and Plant Manager  
Marquardt Electronics Technology (Shanghai) Co., Ltd.**

Since more than 25 years, Jerry Mei has been worked in different industrial covers semiconductor, LCD display and automotive electronics industrial. Professional experience covers reliability engineering, hardware development, operation management and quality management. Act as a product technical and process expert, close working with global and domestic OEMs, promote and lead internal ASPICE process improvement since 2023.





**Xueli (Sheryl) Li**

**Director, Engineering Excellence**  
Harman International, Car Audio

- 20 years automotive work experience in international companies.
- 10+ years project management and Quality assurance work experience.
- Current role – Director, Engineering Excellence@ Harman International (Car Audio BU)
- Principal Assessor Automotive SPICE 4.0, CS extension
- PMP Certified

## AI assist Process Digital Twin

What is Process Digital Twin

How to implement with AI's assist in Harman

Key features/benefits of Harman Process Digital Twin



**Peter Zhao**

**Senior Expert**  
DEKRA China

Peter was working in the TIC (Testing, Inspection, Certification) industry sector for more than 18 years (TÜV SÜD / TÜV Rheinland / DEKRA), with 15 years with Functional Safety (Industrial & Automotive), 7 years with AutomotiveSPICE and 3 years with Cybersecurity projects experiences. His clients including major global players (e.g VW / Robert Bosch) as well as local leading OEMs (e.g. SAIC Motor, GAC, GWM etc.)

### Competency & Qualification highlights

#### Functional Safety

- Automotive Functional Safety Professional (FSP for ISO 26262)
- General Functional Safety Professional (FSP for IEC 61508 )

#### AutomotiveSPICE

- Competent Assessor for AutomotiveSPICE
- Qualified SQIL (Software Quality Improvement Leader) by Volkswagen AG
- Assessor for AutomotiveSPICE for Cybersecurity
- Assessor for AutomotiveSPICE for AI

#### Cybersecurity

- Automotive Cybersecurity Engineer for ISO/SAE 21434
- Qualified Automotive Cybersecurity Instructor / Trainer - for VDA QMC A-CSMS
- Qualified Automotive Cybersecurity Instructor / Trainer - for ISO/SAE 21434
- CISSP - Certified Information Systems Security Professional / by (ISC)<sup>2</sup>
- CCSP - Certified Cloud Security Professional / by (ISC)<sup>2</sup>

## AutomotiveSPICE: Leading factor for automotive compliance

The presentation is planning to focus on Cybersecurity SPICE add-on and to share lesson-learned from real world cybersecurity projects (Cybersecurity SPICE / ISO 21434), with the following topics planned to be covered:

- Interactions between Cybersecurity SPICE with ISO 21434 / UNECE R155
- Why Cybersecurity SPICE should be leading the direction for Cybersecurity compliance
- Lesson-learned from earlier projects
- Requirements beyond Cybersecurity SPICE
- Emerging Cybersecurity landscape (e.g. Quantum Computing, AI agent etc. )



**Frank Wu**

**Partner & Head of TISAX  
KPMG China**

Cyber security expert of KPMG China, with 20 years of experience in Information Security and IT consulting.

Frank has participated in the research of national cyber policies and standards, especially in the fields of Cybersecurity compliance, ISO27001, NIST, GDPR, TISAX/VCSA, CSMS/ISO21434, etc., helping enterprises to well understand and realize specific regulatory requirements.

Frank is responsible for the TISAX audit and “Enterprise going global compliance” consulting services of KPMG China, including information security governance and planning for automotive clients.

## TISAX & Its Business Value

Have you undergone TISAX audit and truly understood TISAX?

Frank will introduce TISAX (VDA-ISA 6.0) as a global practice, outlining its critical value to OEMs & its suppliers in a world of increasing cyber risks. We will hear how to use TISAX to strengthen cyber security capabilities, safeguard data, and build business resilience, — both individually and across the entire supply chain.

Frank will also share the right TISAX journey, key assessment points, as well as the TISAX professional training and free TISAX rapid assessment in collaboration with KPMG China and VDA QMC China.



**Zuning LIN**

**Chief Scientist  
DQS Information and Data Security (IDS) China Region**

Over 20 years of experience in ICT management system standard auditing and ICT-related course training; Over 10 years of experience in government-related informatization work and 5 years of experience in the construction and operation and maintenance of cybersecurity infrastructure for e-government and e-commerce platforms. Three years of working experience in government cybersecurity media; With 6 years of experience in automotive cybersecurity, I am an expert in ISO21434 automotive cybersecurity engineering audits.

Since 2015, we have been paying attention to the characteristics of industry cybersecurity and the specific technologies and methods of industry cybersecurity, and have achieved certain results in the field of automotive cybersecurity. At the same time, we have been focusing on cybersecurity and artificial intelligence compliance in the medical device field. We introduced and published the “ISO/SAE Road Vehicle Cybersecurity Engineering Implementation Guide”, and led the team to provide UNR155 CSMS and UNR156 SUMS consulting services for more than five OEM enterprises. We successfully obtained the certification of overseas transportation departments and vehicle type approval (VTA).

Passed the ISO42001 PECB Leader Auditor and EXIN AI ACT expert course examinations.

## ISO/PAS 8800:2024 Road vehicles — Safety and artificial intelligence

The rise of AI and autonomous systems in vehicles is transforming the automotive industry, but with great innovation comes great responsibility! Ensuring these systems are safe, reliable, and trustworthy is critical, and that's where ISO 8800 comes in.

ISO 8800 provides a groundbreaking framework for managing the unique safety challenges of AI, complementing standards like ISO 26262 while focusing on transparency, robustness, and accountability. From addressing edge cases to promoting explainability in decision-making, this standard is driving safer, smarter AI in road vehicles.

Also integration ISO8800 with ISO26262, ISO21448 will be an challenge for autonomous systems develop company.

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