Welcome

THE 26262 CLUB

HOME TO THE FUNCTIONAL SAFETY COMMUNITY

Automotive SafeAI Day | 06.03.2025 | Munich

Organising committee

Riccardo Vincelli

Gareth Price

Dr. Tomislav Lovric

Dr. Roger Rivett

Prof. Dr. Kai Höfig

Pantelitsa Markus

Prof. Dr. Stefan Leue

Dr. Håkan Sivencrona

Dave Higham

AUTOMOTIVE SAFEAI DAY

CHAIRPERSON'S OPENING REMARKS

6TH MARCH 2025
RICCARDO VINCELLI
DIRECTOR, FUNCTIONAL SAFETY COMPETENCE CENTER,
AUTOMOTIVE CORE DEVELOPMENT TECHNOLOGY
RENESAS ELECTRONICS CORPORATION

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RICCARDO VINCELLI: WHO AM I?

Working as Director of the Functional Safety Competence Center

- 25 years at Renesas Electronics Europe
- Background in HW design
- Responsible for independent technical assessment of Renesas products (MCU, SoC, ASICs, SW) targeting worldwide market

Involved in

- Safety activities since 2005 for the development of Renesas solutions based on IEC60730, IEC61508 and ISO26262
- Standards as ISO26262, UL4600, IEC61508
- Standardization bodies as ISO, IET, SAE (Functional Safety Committee, ORAD, AI), UL, IEC

Part of the organizing committee of the 26262 club

Member of the Industry Advisory Board of SAFEXPLAIN Safe and Explainable Critical Embedded Systems based on AI

ORAD: On-Road Automated Driving

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About the club

- Set up during covid lockdown when missing actual physical meetings
- Volunteer based, no formal set up (**yet**), no profit-making machine, no actual membership to a club!!
- Initial Objecting: Support the functional safety community during time of transition
- Achieved: digital and in person conferences, collaborations, academic scholarships, mentorship program

- Next: **???**

For today

- 60% friends and old colleagues of the committee + 40% (hopefully) new friends of the club
- During the day, think and help us form the club's activities: **What do *you* want to achieve through this community?** ***Is it Your personal and professional development or Organisational growth?***
- End of day roundtable and gather feedback

Agenda of the day

Moderator: Riccardo Vincelli, Renesas Electronics

Part 1: Safety of AI Systems

13:40 How do you show you have met the EU requirement for freedom from unreasonable risk when the design relies on AI? - **Roger Rivett**

14:10 E2E AI - **Gareth Price**, wayve

14:40 Discussion: Considerations about safety assurance for AI - **David Ward**, Horiba MIRA

15:20 Break

Part 2: The use of AI and development and lifecycle processes

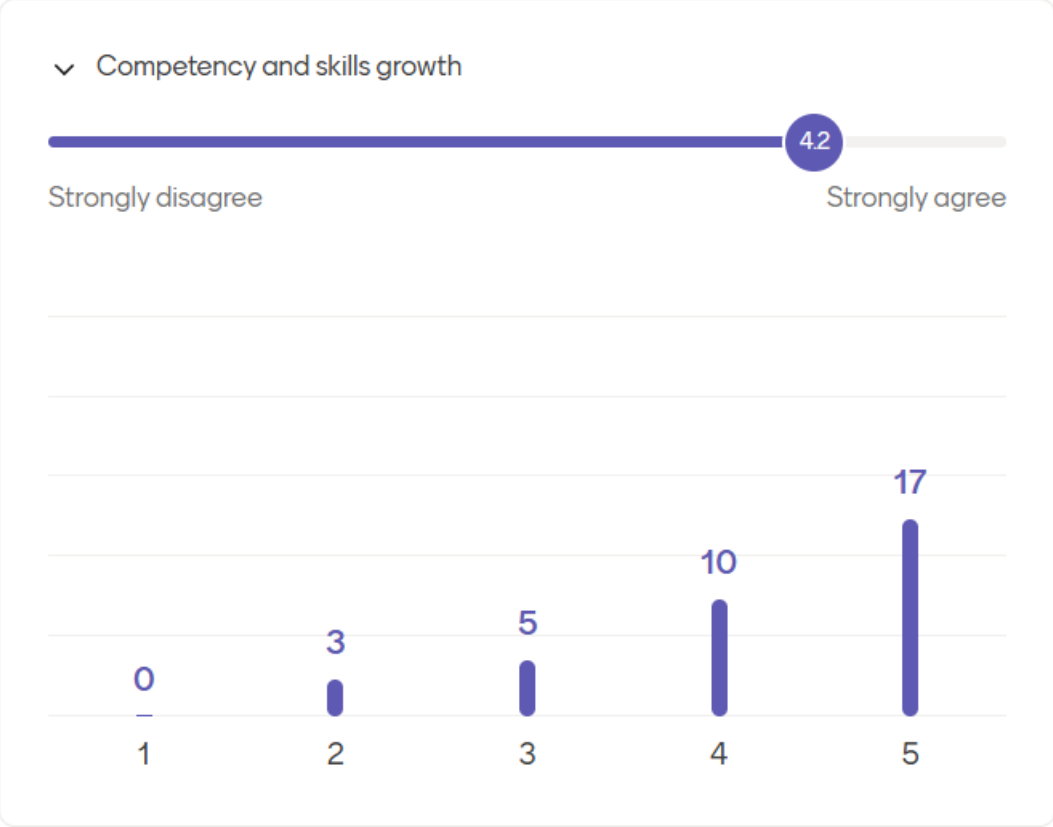
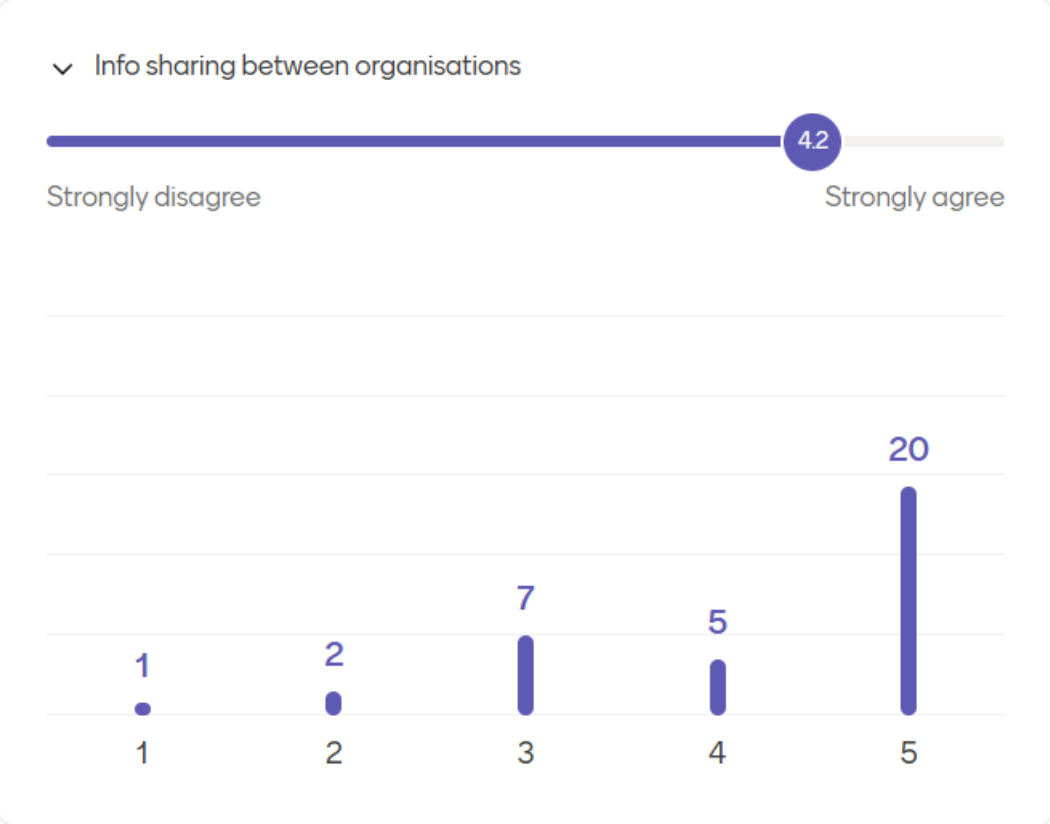
15:50 Balancing Safety and Innovation: DevOps for ADAS/AD in Delivering Continuous, Safe, and Evolving Products - **Fredrik Sandblom**, Zenseact

16:20 Challenges for Compiler for AI Models - **Stefan-Alexander Schneider**, Kempten University of Applied Sciences

16:50 Safety of Software-Defined AI-Driven Vehicles, **Jonas Nilsson**, NVIDIA

17:20 Discussion on future club activities + General Q&A

Survey results: Should the club be a support tool for you or your organisation?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