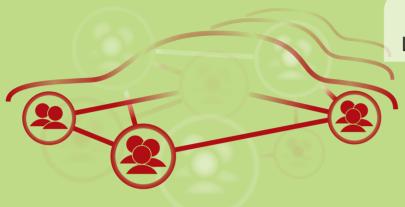


Agile in Automotive



10th and 11th November 2015 Le Meridien, Stuttgart, Germany

CONFERENCE – TUTORIALS – WORKSHOPS

Discuss tomorrow's ideas of agility in the automotive sector

SPEAKERS FROM THE FOLLOWING COMPANIES























Agile R&D in Automotive – first conference of its kind

From practitioners for practitioners – success and failures presented by OEMs and Tiers

Agile tailored for OEM acceptance













Dimitri Bermas



Roberto Carmeli



Jörg Fischer



Hans-Georg Frischkorn



Horst Hientz

language – no

10th November 2015

Moderation: Prof. Hans Christian Reuss Chair for Vehicle Mechatronics at the University of Stuttgart

9.00

Reception with Welcome Coffee

9.15 **Parallel**

WORKSHOPS & TUTORIALS

SAFe® Release Planning - Tutorial

It's about aligning, thus committing ALL development teams towards common project objectives - in a most efficient and effective way. By simulating a real life planning challenge attendees learn how to organize such a release planning for tasks in a development project.

Scaled Agile Inc., et.al.

Agile, Automotive SPICE®, and ISO 26262 Compliance - Tutorial

Agility and compliance does not work together? Yes, it does! This has been confirmed with industry stakeholders, such as VDA, HIS and intacs™. Agile in Automotive is a highly disciplined, team-based approach compliant to automotive standards such as Automotive SPICE® and ISO 26262.

Kugler Maag Cie, et.al.

Continuous Integration – Workshop

Continuous Integration can dramatically improve your Software development quality, performance, and time. Let's climb together the implementation levels towards Continuous Delivery. Share and discuss experiences, benefits and challenges, tools and infrastructure requirements.

BMW, et.al.

13:00 Networking-Lunch

CONFERENCE

14:00 **Welcome**

Prof. Hans Christian Reuss, Moderator, Bonifaz Maag, Kugler Maag Cie



14:15 KEYNOTE: Agility – a key challenge for the whole automotive industry

In a world where vehicles are always online fundamental change is necessary. Is there enough sense of urgency for a very fundamental change? Hans-Georg Frischkorn, Strategy Consultant and former E/E Director at BMW and GM

15:00 The co-existence of the V-Model with Agile Practices

Merging the best of two worlds: towards continuous delivery of high quality products with Scrum-based development, team empowerment, and continuous integration. Andrea Ketzer, Continental

15:30 Coffee Break, Networking & Speakers' Corner







James Janisse



Dr. Michael Jantzer



Androa Kotzor



Ganesh Kuma

16:00 Agile Challenges: Approaches that worked and that didn't

Critical challenges along the lines of Scaling Agile, Team Organization, Discipline Alignment, Roles & Responsibilities, Testing, Technology & 3rd Party Augmentation.

Ganesh Kumar, **Visteon**

16:30 Driving Scaled Agile: the Good, the Bad and the Ugly

In response to increasing engineering costs and decreasing throughput and quality, our CEO recently challenged us to reinvent ourselves becoming "World Class".

Agility is an approach we chose.

James Janisse, TomTom

17:00 From Waterfall to Agile and what we added

Let's share our motivation and experience going from a Waterfall towards an Agile development. Lessons learned. Adjustments made. Where we are today and what are we going to do next. Michael Höh, John Deere

17:30 **Closing - Day 1**

Prof. Hans Christian Reuss, Moderator

17:45 End – Day 1, Networking & Speakers' Corner

19:00 Networking Event



Networking Event

Meet and mingle with the other participants. Make new friends.

Exchange your personal agile in automotive experience.

11th November 2015

08:30 Reception and Welcome Coffee

09:00 Welcome and Summary Day 1

Prof. Hans Christian Reuss, Moderator, Horst Hientz, Kugler Maag Cie

09:15 KEYNOTE: A Corporate Journey to Agility

Guided by a New Mission Statement our Agile Transition challenge deals with typical barriers and goes beyond Software overcoming myths about Automotive SPICE® and Agile.

Dr. Michael Jantzer, BOSCH, Head of Central Development Coordination and Methods

10:00 Experiences of Scaling Agile in Software Development Projects

Experience report on an ECU development project with more than 200 employees, with Scrum teams to a large extent at different locations, in different time zones and different cultures.

Jörg Fischer, BOSCH, Frank Sazama, Kugler Maag Cie

10:30 Coffee Break, Networking & Speakers' Corner







Stefan Rathgeber



Prof. Hans Christian Reuss



Rojas Rocio



Frank Sazama

11:00 Agile Transformation of an Automotive Supplier

Without considerable changes in our development processes we will stumble and watch the backlights of the autonomous car driving away. Let's face challenges and learn from successful practices to keep on track.

Christian Mies, Elektrobit

11:30 Agile Platform & Application Development

The use of Scrum & Kanban in Automotive environment has been mastered.

The biggest challenge in the Agile transition is to establish an Agile Mindset in the Line Management, i.e., Management 3.0.

Stefan Rathgeber, Continental

12:00 Managing Complex Projects with Agile

How to maximize the value received from your teams using Scrum and Kanban? Let's share Best Practices applied in Magneti Marelli, like Scrum and Kanban. Roberto Carmeli & Rojas Rocìo, **Magneti Marelli**

12:30 Networking-Lunch & Speakers' Corner

14:00 Agile Framework in Mechanical Development

Does agile work in mechanical development? Yes, it does. Let's share reasons for going agile, adjustments and consequences, as well as resistance and how they were overcome.

Gabriela Buchfink, **Trumpf**

14:30 Agile in Automotive – State-of-Practice

By 2030 services are creating the customer value, rather than the car. This alters the traditional business towards service-orientation. Mastering this challenge starts with agility. Horst Hientz, **Kugler Maag Cie**

15:00 Agile – Yes, but make it right!

What are the limits of agile engineering? Is it allowed that software "matures"?
Theory and practice – what do agile concepts promise and what customer projects perceive.
Insights into Agile concepts from assessments of automotive project for series – and challenges for independent quality assurance.

Dimitri Bermas, Volkswagen

15:30 Coffee Break, Networking & Speakers' Corner

Pannel Discussion: Agile in Automotive – Hype or mandatory Prof. Hans Christian Reuss, Moderator, Bonifaz Maaq, Kugler Maag Cie

16:45 **Closing & Outlook 2016**

Prof. Hans Christian Reuss, Moderator, Horst Hientz, Kugler Maag Cie

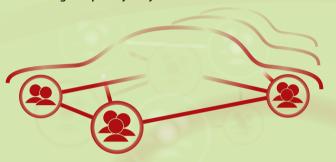
17:00 End – Day 2 and Conference

Agile in Automotive

Agility becomes a success story in the automotive industry: Until recently agile development processes, methods and practices were often rejected for electronics development in a regulated industry such as automotive. Automotive electronics development is characterized by quality standards and norms, such as Automotive SPICE® or ISO 26262. These are repeatedly perceived as in contradiction to agile development.

Today, agility of electronics development and their R&D organizations is perceived as a future enabler for the automotive industry – Tiers and their OEMs accept agility as a challenge and gain experience with it.

Agile organizations manage short innovation cycles and increasing complexity of systems



There is a great need for guidance and orientation in the automotive industry for a specification of the topic Agile – beyond Scrum and Kanban – so that short innovation cycles and the increasing complexity of systems can be better managed while at the same time applicable high quality standards and regulations are met.

For the first time in automotive these themes are addressed in a specific conference like this.

Questions? GET IN TOUCH WITH US! +49 (0)2 11.96 86 - 37 58



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- $-\;$ Automotive SPICE* (ISO/IEC 15504) an
- Automotive Functional Safety (ISO 26262)

into an agile development environment.

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Agile in Automotive

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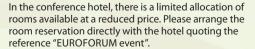
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