



15th R&D Autumn Conference 2026 · October 15/16, Frankfurt, Germany

Application of AI in Product Development

Thursday, October 15

Relaxa Hotel, Frankfurt

12:30 Get Together and Standing Lunch

14:00 Afternoon Session

Setting the Scene

Welcome and Introduction

Martin PAPING · Managing Director · Kontrapunkt Technology · Konstanz (Germany)

Smart Mobility

Applying AI in Industrial Software Development and Smart Mobility

Tobias GOEKE · Head of entervo infinite · Scheidt & Bachmann GmbH · Mönchengladbach (Germany)

AI Automation

Stop Hiring - Keep Growing with AI

Alex BRETON · CEO of PrintDreams, CTO of COLOP · COLOP Digital GmbH · Wels (Austria)

Regulatory Reliability

Regulatory Content Validation Under Real-World Constraints

Clemens RIEMER · Head of Division Product Mgmt · Lorenz Life Sciences GmbH · Frankfurt (Germany)

AI Engineering

AI-Native Product Development in Enterprise Software

Guido SCHROEDER · CTO in sabbatical · Woodside, CA

AI Platforms

Beyond the Chatbot: Turning your Products into AI-Ready Platforms

Benjamin LUTZ · Founder, AI Enthusiast & Consultant · Smarter Systems · Unterägeri (Switzerland)

Local AI Processing

Edge AI - What is it, what can it do & when should I consider it?

David GRIFFIN · Principal Consultant · 42 Technology Ltd. · Cambridge (Great Britain)

19:30 Dinner, afterwards: informal Get Together

Friday, October 16

Diehl Aerospace, Frankfurt

08:00 Transfer to **Diehl Aerospace**

08:30 Welcome and Introduction at Diehl Aerospace

Trusted AI

Hallucination-Free AI: Building Reliable AI Solutions for Industrial Applications

Heiko ROSSKAMP · Head of R&D · Adolf Würth GmbH & Co. KG · Künzelsau (Germany)

Safety-Critical AI

Applying AI to Software Verification in Safety-Critical Aerospace Systems

Ralf KÜSTNER · Head of SW Development · Diehl Aerospace GmbH · Frankfurt (Germany)

10:30 **Factory Tour** at **Diehl Aerospace**

12:00 **Lunch** at Diehl Kantine

13:30 End of Conference

Smart Mobility

Applying AI in Industrial Software Development and Smart Mobility

In this presentation, Tobias shares practical experiences with the application of artificial intelligence in both software development processes and AI-enabled parking solutions. Using the cloud-based parking platform "entervo infinite" as an example, the session highlights current AI use cases in areas such as market analysis, software engineering and operational support. The presentation also addresses key challenges including intellectual property protection, organizational adoption, and skills development. In addition, insights are given into the integration of AI directly into products to improve operational efficiency and system reliability. The talk concludes with an interactive discussion on lessons learned, open questions and emerging AI opportunities in the parking domain.

Scheidt & Bachmann is a global provider of system solutions for mobility and transport applications. The company develops technologies for parking, fuel retail, public transport and railway systems, supporting mobility infrastructure in many countries worldwide. Founded in 1872 and headquartered in Mönchengladbach, Germany, the family-owned company employs around 3,500 people across approximately 30 international subsidiaries.

Tobias GOEKE · Head of entervo infinite · Scheidt & Bachmann GmbH · Mönchengladbach (Germany)

AI Automation

Stop Hiring - Keep Growing with AI

This keynote shows how AI agents and modular toolchains can automate entire workflows, turbocharge operations, unlock hidden capacity and scale output without increasing headcount. Real-world examples demonstrate how companies are achieving tenfold productivity gains while keeping teams lean, focused and innovative. Learn how to turn AI from a buzzword into a true force multiplier. You will also receive a practical AI playbook covering where to start and how to select the right frameworks and tools.

COLOP is an independent commercial company which deals with the development, production, assembly and distribution of modern stamp and marking devices. COLOP is regarded as one of the region's flagship companies and is a global player within the industry with an export rate of nearly 98% and more than 120 export markets supplied on a regular basis.

Alex BRETON · CEO of PrintDreams, CTO of COLOP · COLOP Digital GmbH · Wels (Austria)

Regulatory Reliability

Regulatory Content Validation Under Real-World Constraints

LORENZ develops software for Regulatory Information Management in the pharmaceutical industry. In this presentation, Clemens shares practical experiences from developing an AI-based Regulatory Content Validator that automatically checks regulatory dossier documents against applicable regulatory guidelines and regional requirements. The solution combines domain-specific prompting, a fixed execution plan based on the ReWOO principle, specialized tools, and an open-weight model running air-gapped in a controlled environment. The presentation explores how regulatory ambiguity, strict customer requirements, the different impact of false positives and false negatives, and limited domain knowledge of the underlying model shaped the architecture and performance of the solution. The talk also reflects on lessons learned from the initial project setup, including shared ownership with an external development partner, and explains how LORENZ subsequently adapted its approach by consolidating ownership and pursuing multiple solution paths in parallel.

LORENZ Life Sciences Group develops software solutions for Regulatory Information Management (RIM) in the pharmaceutical and life sciences industries. Its solutions support companies in managing, validating and submitting regulatory information to health authorities worldwide. Headquartered in Frankfurt, Germany, LORENZ serves life sciences organizations and regulatory agencies internationally.

Clemens RIEMER · Head of Division Product Mgmt · Lorenz Life Sciences GmbH · Frankfurt (Germany)

AI Engineering

AI-Native Product Development in Enterprise Software

This session explores practical aspects of transforming a large-scale enterprise software development organization towards an AI-native software development lifecycle (SDLC). The presentation discusses key prerequisites, critical success factors and lessons learned when integrating AI into day-to-day development processes. A live demonstration will showcase selected tools such as Claude Code and OpenClaw, illustrating how AI can support software engineering workflows and knowledge management. In addition, the session introduces a pragmatic approach for curating organizational knowledge into a continuously growing knowledge base that compounds value over time.

Guido SCHROEDER · CTO in sabbatical · Woodside, CA (USA)

AI Platforms

Beyond the Chatbot: Turning your Products into AI-Ready Platforms

Benjamin LUTZ · Founder, AI Enthusiast & Consultant · Smarter Systems · Unterägeri (Switzerland)

Most enterprises have spent the past two years bolting LLM features onto the side of their products. The next wave is the inverse: making the products themselves accessible to any LLM on any platform. This is the difference between an AI that merely sounds confident and one that is actually correct, auditable and safe to deploy. The presentation explores how public LLMs, when provided with the right context, can deliver more meaningful results than custom-trained models. It also discusses how roles and access rights can be derived directly from the user to ensure personalization, compliance and data governance by design. In addition, the session demonstrates approaches that enable LLMs to verify their own outputs before information is committed, sent or executed. Together, these concepts illustrate how enterprise products can evolve into secure and AI-ready platforms.

Smarter Systems is a technology company focused on secure and AI-ready enterprise platforms. The company develops architectures that enable large language models to interact reliably with enterprise applications while maintaining governance, compliance and user-specific access control. Its work focuses on trustworthy AI integration and the transformation of existing software products into intelligent AI-enabled platforms.

Local AI Processing

Edge AI - What is it, what can it do & when should I consider it?

David GRIFFIN · Principal Consultant · 42 Technology Ltd. · Cambridge (Great Britain)

While much global attention has focused on large AI models running in massive data centres, Edge AI offers an alternative by running more compact models locally, thereby reducing power consumption, latency and security risks. We will look at several examples of how this can be implemented and where it should be considered in order to create tangible value.

42 Technology is a product development and engineering consultancy. They solve difficult technical problems and develop new and exciting products for their clients. They are a practical and pragmatic group that enjoys hands-on problem solving that gets their clients the answers that they need. Taking the time to understand their problems is therefore a very important part of 42's development process.

Trusted AI

Hallucination-Free AI: Building Reliable AI Solutions for Industrial Applications

In industrial environments, the successful adoption of artificial intelligence depends not only on performance, but also on reliability, traceability and trustworthiness. This presentation provides insights into how Würth approaches the development and application of AI solutions in a context where incorrect or hallucinated results are not acceptable. The session discusses technical and organizational measures for increasing robustness and ensuring dependable AI behavior, including validation strategies, controlled data environments and human oversight. In addition, practical experiences and lessons learned from implementing AI within innovation and business processes are shared. The presentation offers a pragmatic perspective on how companies can balance innovation speed with the high quality and safety requirements of industrial applications.

Adolf Würth GmbH & Co. KG in Künzelsau is the largest single company in the Würth Group. The Würth Group is the global market leader in the development, production and sale of assembly and fastening materials. The Group currently employs more than 88,000 employees in over 400 companies with more than 2,800 shops across 80 countries. According to the preliminary annual financial statements, the Group generated sales of EUR 20.7 billion in the 2023 fiscal year.

Heiko ROSSKAMP · Head of R&D · Adolf Würth GmbH & Co. KG · Künzelsau (Germany)

Safety-Critical AI

Applying AI to Software Verification in Safety-Critical Aerospace Systems

The development and verification of avionics software is subject to the highest safety, quality and certification requirements. This presentation explores how artificial intelligence can support the generation of low-level software test cases within a safety-critical aerospace environment. The session provides insights into practical approaches, potential efficiency gains and the challenges of applying AI in highly regulated development processes. In addition, we will discuss validation, traceability and compliance aspects, as well as the role of human oversight in ensuring reliable and certifiable results. The presentation offers a pragmatic perspective on how AI can enhance software verification activities while meeting the strict standards of the aerospace industry.

Diehl Aerospace is a joint venture between the German Diehl Stiftung & Co. KG and the French Thales Group. The company develops and manufactures avionics and cabin systems for commercial aircraft, business jets and military aviation applications. Its portfolio includes cockpit displays, flight control and power supply systems, lighting solutions and electronic cabin components, supplied to major aircraft manufacturers such as Airbus and Boeing.

Ralf KÜSTNER · Head of SW Development · Diehl Aerospace GmbH · Frankfurt (Germany)

How To Get To The Conference

On **Thursday, October 15**, the conference will start in the **Relaxa Hotel**:

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Relaxa Hotel

Lurgiallee 2
60439 Frankfurt
+49 69 957780



On **Friday, October 16**, we will transfer to **DIEHL Aerospace** after breakfast.

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DIEHL Aerospace

An der Sandelmühle 13
60439 Frankfurt
+49 69 58050

