

October 16 & 17 2024
in Karlsruhe

Franco-German **AI** Conference

Scaling Up Innovation:
From Prototype to Productive Use

AixIA 2024

Information & Program

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Scaling Up Innovation: From Prototypes to Productive Use'

Welcome to AIxIA 2024

AIxIA is the Franco-German conference on the topic of artificial intelligence, which is taking place for the fifth time.

With the topic 'Scaling Up Innovation: From Prototypes to Productive Use', the event brings together German and French thought leaders, industry pioneers and political decision-makers.

You can expect a varied programme with inspiring sessions, exciting panel discussions and practical workshops.

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Hosts

for October 16



Cathleen Fink

Main Host

Cathleen C. Fink is a seasoned moderator, actor, and communications expert with a decade of experience on stage and behind communication strategies and events. Her passion for engaging audiences has led her to moderate a wide range of events, from corporate conferences to creative workshops, both nationally and internationally. After completing her M.A. in Business Administration and Cultural Management while working on various theater stages, she served as a project manager and consultant for various communication agencies, companies, and public organizations. As a moderator, she combines her educational background and years of expertise to ensure smart dramaturgy, entertaining programs, and professional discussions.

She is also the founder of “thecfink – communications,” where she consults on effective communication strategies and manages diverse multimedia communication projects



Session Host

Stefanie Baade



Stefanie Baade is Deputy Managing Director of the AI Federal Association. She is building and expanding the community in Baden-Württemberg and is helping to shape the Innovation Park Artificial Intelligence in collaboration with partners. After completing her studies in International Management, she worked in management consultancy. Her main points of contact with AI were in projects involving autonomous driving.

The KI Bundesverband is an association of over 400 innovative companies, SMEs, start-ups and experts whose business purpose is the development and application of AI technologies. The aim is to create an active, successful and sustainable AI ecosystem in Germany and Europe.



Prune Gautier



Session Host

Prune Gautier is a researcher at the Luxembourg Institute of Science and Technology (LIST), within the Unit Responsible Data Science & Analytics systems. In the frame of the Luxembourgish Digital Innovation Hub, she works on fostering the adoption of AI models and solutions that enhance industrial processes. Prune contributes to „Test Before Invest“ initiatives, helping businesses integrate AI solutions seamlessly.

LIST is a Research and Technology Organisation (RTO) active in the fields of materials, environment and IT. By transforming scientific knowledge into technologies, smart data and tools, LIST empowers citizens in their choices, public authorities in their decisions and businesses in their strategies.



Session Host

Sebastian Felzmann



Sebastian Felzmann has been at the FZI Research Centre for Information Technology (FZI) since 2019 and has headed the Spin-offs, Eco Systems and Transfer department since July 2023. He studied German language & literature and journalism. During his master's degree, he worked at the Staatliche Hochschule für Gestaltung and the Centre for Art and Media (ZKM) before working as social media manager. Afterwards Sebastian became a Research Manager for the Cologne Game Lab at TH Köln.

As an independent foundation, the FZI has stood for applied cutting-edge research in the field of computer science and its fields of application since 1985. For its partners, the FZI is a research, training and transfer institution.



Jean-Jacque Bernardini



Session Host

Jean Jacques Bernardini (PhD/MBA) is the head of European affairs department in Grand E-Nov+, the Regional innovation and foreign investment agency from Region Grand Est. He has more than 30 years' experience in innovation management and European programs setting up and management. He was involved in 5 EU funded programs focused on digitalization and participated to the setting up of the EDIH-GE. He's also coordinator of the French Corridor of EDIH.

Grand E-Nov+ is the regional Innovation and foreign investments agency in Grand Est. The focus of the agency is the acceleration of the transformation of our regional economy.



Alexandra Krumm



Session Host

Alexandra has been a project and network manager at DIZ GmbH since 2023. On behalf of the Ministry of Economic Affairs, Labour and Tourism BW, she ensures the exchange of ideas throughout the entire network of Digital Hubs BW and the regional AI Labs BW. She organises a series of events on the topic of AI and digital transformation and holds a Master's degree in Intercultural Communication.

DIZ | Digitales Innovationszentrum GmbH empowers companies and public organizations to leverage digital innovation. Specializing in AI, cybersecurity, and cutting-edge tech, it drives collaboration between research, startups, and established businesses, ensuring the successful adoption of technologies



Maria Akiza Hagami Neb



Session Host

Akiza Hagami is one of the AI Alliance's Community Managers. Together with her colleague Lennart Schleifer, she is responsible for the Karlsruhe region. Akiza Hagami studied game design and specialises in management. She has previously worked in the games industry, including on funding projects. She brings the expertise she has acquired from her wide range of roles in the games industry to the AI Alliance

The KI-Allianz Baden-Württemberg is a connecting element between business, science and politics, with the aim of securing and expanding economic success through targeted networking. It strives to lead Baden-Württemberg into the future together and promote sustainable growth

Agenda

Day 1: Conference

16

October | 2024
Tuesday

09:00 Arrival and Networking

10:00 Welcome Speech & Political Greetings from Berlin & Paris



Dr. Robert Habeck

Federal Minister for Economic Affairs and Climate Action



Gaël de Maisonneuve

Consul Général & Directeur de l'Institut Français de Stuttgart

10:30 **Keynote „Imagine: The Deep-Tech Dream Comes True“**

Europe stands at the brink of a transformative era: the age of deep tech. This new frontier encompasses AI and other cutting-edge technologies poised to revolutionize industries and societies. To reclaim its status as a global innovation leader, we must act swiftly to develop and scale these technologies. The Franco-German alliance can spearhead this renaissance. The journey begins now—and the grand vision endures.



Dr. Thomas Lange

Achleitner Ventures

p.27

Agenda

Day 1: Conference

16 | October | 2024
Tuesday

11:00 Panel Discussion „European AI Way – Deep Talk: Franco-German Paths in Europe“

The panel “European AI Way – Deep Talk: Franco-German Paths in Europe” explores strategies driving AI development in Europe, focusing on France-Germany collaboration. Participants will discuss unique challenges and opportunities in shaping a cohesive European AI approach, covering policy frameworks, research, and industry partnerships.



Luisa Bomke
Handelsblatt
p.22



Olga Mordvinova
incontext.technology
GmbH
p.29



Giulia Carsaniga
European Commission
p.23



Gennadi Schermann
DIZ | Digitales Innovationszentrum GmbH
p.32



Prof. Dr. Tobias Kämpf
ISF Institute for Social Science Research Munich
p.26



Daniel Vonderau
FZI Research Center for Information Technology
p.35

12:00 Coffee Break

Agenda

Day 1: Conference

16 | October | 2024
Tuesday

12:30 Breakout Sessions

#1
Room: Main Eventroom

Navigating the EU AI Act: From Regulation to Application

This Session explores the delicate balance between innovation and risk management. Focusing on diversity, trustworthiness, and beyond, the discussion delves into how European perspectives are reshaping AI governance.



**Michael Denzler
Zühlke**
p.24



**Richard Skalt
TÜV SÜD**
p.33

AI quality insurance for maximum impact & responsible use

AI solutions are making the leap from proof of concept to live products, becoming ever more present in our work processes, products and services. To achieve maximum impact and reduce inherent risks, AI systems must be developed and monitored with appropriate policies, structures and techniques. We share our proven approach for AI quality assurance and discuss our practical experiences in establishing AI governance structures.



**Alireza Zamanian
Fraunhofer IKS**
p.35

AI Verification in light of regulatory frameworks

Regulations for trustworthy AI are in place, and high-risk medical AI systems will be up for audits soon. But how exactly can we translate high-level requirements into technical measures for validating the AI's code, algorithms, and documentation? I briefly describe and analyze the challenge, and introduce Fraunhofer IKS's AI verification framework as a solution.

Agenda

Day 1: Conference

16 | October | 2024
Tuesday

12:30 Breakout Sessions

#2
Room: Feco-Lounge

Exploring Edge AI and Robotics Integration to improve industrial processes

This session delves into the dynamic intersection of edge AI and robotics to enhance efficiency in industrial settings. This technical session offers a platform for exploring innovative approaches to integrating edge AI and robotics, paving the way for more agile and responsive industrial processes.



Saskia Bluhm
dmTECH GmbH
p.22



Jonas Reiling
Ubica Robotics GmbH
p.30



Florian Spohr
APREX Solutions
p.33

dm Uses Ubica's Robots to Enhance Store Efficiency

The autonomous shelf scanning robots developed by Ubica Robotics utilize advanced cameras and sensors, along with classical and AI-based image recognition algorithms, to generate comprehensive digital twins of store layouts, including realograms and stock information. dm-drogerie markt uses this information to create accurate, efficient, and cost-effective digital store twins, resulting in time and quality benefits for both employees and customers.

Machine vision and artificial intelligence for automated control applications and robots in industry.

How can AI make industry controls more reliable? What can AI do for quality and processes? Which AI for which use? How can machine vision solutions and their integration for inspection operations be envisaged?

Agenda

Day 1: Conference

16 | October | 2024
Tuesday

12:30 Breakout Sessions

#3
Room: Church

Resource Efficiency through AI: practical applications to save time, money and energy

The session dives into the technical intricacies of leveraging AI to optimize resource consumption. Attendees will gain valuable insights into harnessing AI to drive tangible savings in time, money, and energy.



Dr.-Ing. Thomas Freudenmann
StableFlame GmbH
p.25

Waste-to-Energy: AI-Based Bunker Management for Thermal Waste Treatment

Introduction to the AI-based bunker management system for thermal waste treatment, which represents a significant innovation in the field. The use of AI enables precise recognition and automated homogenization of heating values in the waste bunker of waste incineration plants, thereby stabilizing combustion and reducing plant wear. The AI-based StableFlame process builds a digital twin that maps the heating values of the waste in the bunker and transparently records the combustion potential.



Helen Landhäußer
Mader GmbH & Co. KG
p.27

Leveraging potentials of industrial compressed air

This session will focus on different leverage options to increase resource efficiency for industrial utilities. In this specific case for industrial compressed air, which is indispensable in industry but highly energy-intensive. The role of digitization, holistic service approaches and the consideration of the entire value chain did play a crucial role for us to identify the leverages and also to gain first insights into AI.

Agenda

Day 1: Conference

16 | October | 2024
Tuesday

13:30 Lunch

15:00 Breakout Sessions

#4 Room: Feco-Lounge

AI as User Interface and User Interface for AI: do's & don'ts

Participants will delve into the nuances of when AI serves as the user interface itself and when it functions as the interface for AI systems. This session offers valuable guidance on navigating the evolving landscape of human-AI interaction.



Vivien Silvert
ARTE
p.32

Content Discovery on Streaming Platforms

On average, it takes 18 minutes to decide what to watch. Faced with so many content options, can AI help to solve the paradox of choices? At ARTE, we wanted to create a chatbot that combines the expertise of a video store clerk with the companionship of a binge-watching buddy. Is a ChatGPT-like interface the best option?



Bernd Vermaaten
solute GmbH/billiger.de
p.34

AI & eCommerce – an example

With billiger.de, we have been a relevant market player in price comparison for over 20 years. Processing 100 million offers per week requires high-quality automation, which is absolutely essential for our survival. In this presentation, we will show how AI supports us in this endeavor. Learn how artificial intelligence optimizes our processes and helps us consistently provide the best offers for our users.

Agenda

Day 1: Conference

16 | October | 2024
Tuesday

15:00 Breakout Sessions

#5
Room: Main Eventroom

GenAI@work from hype to “how is it going practically in my company”

The session addresses the transition from AI hype to real-world application. Attendees will gain valuable insights into navigating the practical realities of AI implementation within their organizations.



Matthieu Chailloux
Hager Group
p.23

Hager Group's Journey to Embracing GenAI in an Industrial Environment

Hager Group is a global leader in electro-technical solutions. In addition to managing key IT needs the company has been working on AI projects for more than 7 years. The arrival of GenAI has created new requirements in all functions and is speeding up the entire process, from understanding business needs to managing user training and adoption. Hager is embracing these changes by using tools from different sources while also developing its own internal platform.



Tilmann Münch
Schulz FLEXGROUP
GmbH
p.29

Generative AI for quality assurance and support in production

The pharmaceutical industry is characterised by requirements and regulations that must be complied with throughout the supply chain. Working with contracts, whether in the area of quality assurance or support, is very time-consuming, and comparing and monitoring contracts requires a lot of time and resources. AI and automation can help to improve resource efficiency and competitiveness. A quick look to Quality Management of Schulz Flexgroup beyond any Ki Hype.

Agenda

Day 1: Conference

16 | October | 2024
Tuesday

15:00 Breakout Sessions

#6
Room Church

Value Generating with AI: Strategies for Successful Deployment

In the session attendees will explore methods for implementing AI to achieve long-term operational success and return on investment. The session serves as guideline for navigating the complexities of AI deployment and increasing its value across business landscapes.



Frederic Cheviron
De Dietrich
Process Systems
p.24

AI : Setting new pexpection for the industry

Alysophil and DeDietrich propose a new approach for molecule production through their partnership. Combining enhanced processes and AI solves complex problems in development and production, such as molecule generation and process piloting. The integration of AlchemAI with DeDietrich equipment sets new industry standards. Together, they developed the micro-factory concept, ChemPocket.



Philippe Robin
Alysophil
p.31

AI in health insurance - reaching the next level

Statutory health insurance funds, like KKH, are using AI to tackle demographic challenges by reducing costs, improving processes, and enhancing care. Recent legislative changes have clarified AI usage, making its industry impact inevitable. Organizations must swiftly adopt effective AI solutions, balancing market and industry standards, collaborations, and custom solutions to stay competitive and create the next level of customer care beyond basic hygiene factors.



Florian Leser
KKH Kaufmännische
Krankenkasse
p.28

Agenda

Day 1: Conference

16 | October | 2024
Tuesday

16:00 Coffee Break

16:45 Political Greetings from Grand Est and Baden-Württemberg



Dr. Nicole Hoffmeister-Kraut

Minister of Economic Affairs, Labour and Tourism
of the State of Baden-Württemberg

AIxIA

Franck Leroy

President of the Grand Est Regional Council

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Industrie Wirtschaft 4.0 BWL

Baden-Württemberg
MINISTERIUM FÜR WIRTSCHAFT, ARBEIT UND TOURISMUS

Baden-Württemberg
MINISTERIUM DES INNERN, FÜR DIGITALISIERUNG UND KOMMUNEN

Agenda

Day 1: Conference

16 | October | 2024
Tuesday

17:15 Panel Discussion „Data – Cloud - AI: Crafting a Synergistic Future for Germany, France & Europe“

The panel will explore how data, cloud technology, and AI shape Europe's future, focusing on data management and evolving data centers. Industry leaders will discuss challenges from the EU AI Act and cybersecurity regulations, emphasizing the importance of cross-border collaboration to drive innovation and economic growth for a technologically advanced Europe.



Jan Frömberg
Cloud&Heat Technologies
GmbH
p.25



Philippe Valoggia
Luxembourg Institute of
Science and Technology
p.34



Dr. Philip Michael Haspel
EnBW AG
p.26



Lisa Oder
Tagesspiegel Back-
ground
p.30



Dr. Till Riedel
Karlsruhe Institute of
Technology (KIT)
p.31



Yann Lechelle
probabl.
p.28

18:00 Startup Pitches: AI Ideas of the future

- Casablanca
- Almino
- whitemacs
- Ethiqais
- Curiousquad

18:30 Networking

Agenda

Day 2: Workshops

17 | October | 2024
Wednesday

Paralell Workshops

AI Systems Engineering: How to Proceed in the Light of the EU AI Act?

Fraunhofer IOSB; Hochschule Karlsruhe - HKA

The legislative process of the European AI Act was accompanied by a controversial discussion about its effect on innovation and acceptance of AI systems. Now, meanwhile adopted, the question is how to deal with it in a constructive way, also in the context of the related EU Data Act and the Data Governance Act. In this workshop the AI Act will be discussed with respect to its consequences on AI Systems Engineering. Which are the guidelines to follow by AI System engineers, providers and users?

09:00 - 13:00

at

Karlsruhe Research Factory for AI-integrated Production / Fraunhofer IOSB
Rintheimer Querallee 2, Building 70.41
76131 Karlsruhe

Automated Intelligence for Safe and Resilient Energy Systems: AI Tools for Reinforcement Learning and Auto-ML in Practice

KIT- Karlsruhe Institute of Technology; Center for Solar Energy and Hydrogen Research Baden-Wuerttemberg (ZSW)

Explore the practical application of reinforcement learning and AutoML! In this workshop, the KIT and the ZSW will present how the IT framework FRAMESS and tool KI-Lab.EE can be used to solve problems directly from practice with automated AI. Both tools were developed in-house at the institutes. KI-Lab.EE is freely available, while FRAMESS is not freely accessible but can be adapted to specific system requirements in customer projects. You will first receive an introduction to the respective tools and then solve typical problems independently with our support.

09:30 - 12:30

at

Karlsruhe Institute of Technology (KIT)
Room: 604
Reinhard-Baumeister-Platz 1, Building 10.50
76131 Karlsruhe

Agenda

Day 2: Workshops

17 | October | 2024
Wednesday

Future Mobility: Harnessing Innovation for Intelligent and Secure Mobility Solutions - an Immersive Workshop in Future Mobility.

FZI Research Center for Information Technology

In this dynamic session, we'll showcase cutting-edge innovations in mobility, autonomous driving, and logistics, driven by advancements in AI and cybersecurity technologies. Participants will do an immersive tour in the FZI House of Living Labs, getting to know sustainable and inclusive demonstrators and will engage in lively discussions and collaborative brainstorming sessions using participatory formats to explore emerging trends and co-create ideas to shape the future of mobility.

09:00 - 13:15

at

**FZI House of Living Labs
Haid-und-Neu Straße 5A
76131 Karlsruhe**

Navigating opportunities and challenges of AI Assistants - Transforming Business Processes and Building Trust

CyberForum e.V.

While AI Assistants are on everyone's lips, and have proven their ability to answer complex questions about data and documents, how can they help you in your business, and what pitfalls should you avoid at all costs? And in this context, can you put trust in AI for your business? - This event explores the transformative potential of AI of modern enterprises. It will begin with a workshop focused on AI specialized systems like Retrieval Augmented Generation (RAG), held by Stefan Suwelack and Daniel Klitzke from Renumics. The event will continue with a discussion moderated by Jens Beyer from LAVRIO.solutions and Robin Weitemeyer from Hochschule Karlsruhe (HKA), providing a deep dive into the critical issue of trust in AI based on a use case from the Kompetenzzentrum KARL.

09:00 - 13:30

at

**Smart Production Park
Room: Church
Haid-und-Neu Straße 16
76131 Karlsruhe**

Agenda

Day 2: Workshops

17 | October | 2024
Wednesday

Transforming Governance: The Impact of AI on Public Sector (IN GERMAN)

TechnologieRegion Karlsruhe (TRK), CAS Software AG

How can Artificial Intelligence transform the public sector and make it future-proof? In our workshop „Transforming Governance: AI Trends in the Public Sector,“ we explore the latest trends and solutions in AI and their applications in public administration. This workshop offers a unique platform to discuss innovative approaches and learn from each other. This workshop is designed for professionals and leaders not only in the public sector who want to understand and leverage the potential of AI technologies for their organizations.

09:30 - 13:00

at

FZI Research Center for Information Technology

Room: New York

Haid-und-Neu Straße 10-14

76131 Karlsruhe

How to Establish European Innovation and Business Collaborations: Successful Partnering in Practice (online and onsite)

Steinbeis Europa Zentrum

During this workshop, we will jointly explore what the benefits of international, especially European research, technology and innovation (RTDI) collaboration are, how pitfalls can be circumvented and how successful collaborations can be initiated. The workshop will be interactive and we are looking forward to investigating which cultural similarities and differences the participants have observed during past collaborations and which concrete collaboration ideas they are eager to further explore in the future.

09:30 - 13:00

at

Smart Production Park,

Room: Feco-Lounge

Rintheimer Straße 23

76131 Karlsruhe

13:30 Lunch & Networking



**Speaker
Information
A-Z**

Bluhm, Saskia

IT Project Manager, dmTECH GmbH



Saskia Bluhm is an IT project manager at dmTECH GmbH, focusing on the advantageous utilization and seamless process integration of instore sensorics and robotic technology within dm's operations. Saskia holds a degree in Industrial Engineering and Management from Karlsruhe Institute of Technology (KIT). She has a background in management consulting and research, specifically in the areas of industrial goods, energy-behavioral studies, and user-centric design.



dmTECH is a technology company, operating as a 100% subsidiary of dm-drogerie markt, with a team of over 1200 employees. At dmTECH, technology is never an end in itself: Innovative solutions for dm's online shop, customer and employee apps, as well as IT systems in dm stores, distribution centers, and the headquarters are developed to deliver the digital dm experience to customers and colleagues.

Bomke, Luisa

AI Reporter & Editor, Handelsblatt



After gaining her first journalistic experience in local editorial offices, Luisa Bomke studied journalism and public relations at the Westphalian University of Applied Sciences in the Ruhr region from 2015 to 2018. She then spent three years as a press officer for FDP member of parliament and financial politician Frank Schäffler before completing the Georg von Holtzbrinck School for Business Journalists as a trainee at Handelsblatt and Wirtschaftswoche. She has been working as an AI editor for Handelsblatt since July 2023.

Handelsblatt is the largest business and financial newspaper in German. Around 200 editors, correspondents and permanent staff provide up-to-date, comprehensive and well-founded reporting around the globe. Handelsblatt is represented by more than 70 domestic and foreign correspondents on all continents and has one of the largest networks of correspondents in the German media.

Carsaniga, Giulia

**Policy Officer, European Commission, DG CNECT AI Office, unit A4
Artificial Intelligence Innovation and Policy Coordination**



Giulia Carsaniga is Policy Officer at the European Commission's AI Office, where she works on AI innovation and policy coordination. In particular, she is project officer for European Digital Innovation Hubs (EDIHs) in Germany and focuses on AI literacy and skills policies. Previously Giulia worked in consulting for German and EU public administrations in Berlin. Her academic background is in economics and public policy. She speaks fluently Italian, English, German, and French.



The European AI Office supports the development and use of trustworthy AI, while protecting against AI risks. The AI Office was established within the European Commission's DG CNECT as the centre of AI expertise and forms the foundation for a single European AI governance system.

Chailloux, Matthieu

AI engineer, Hager Group



Matthieu is an AI Engineer at Hager Group, specializing in the development and deployment of an internal Generative AI platform. His primary focus is creating tailored conversational assistants for various business functions. In addition to his technical work, Matthieu is actively involved in democratizing generative AI to foster user adoption within the company. Matthieu holds a Master's degree in Data Science and AI. His previous experience includes building AI solutions for industrial environments.

hagergroup Hager Group is a leading provider of solutions and services for electrical installations in residential, commercial, and industrial buildings with 13,000 employees generating 3.2 billion Euros in sales. As an international independent company, Hager Group aims at sustainably shaping the electrical world of tomorrow and play a leading role in the field of energy management and distribution.

Cheviron, Frédéric

Head of Business Development, De Dietrich Process Systems



Frédéric Cheviron is Head of Business Development of the European Business Unit Pharma & Green Solutions. With over 30 years of experience, he has expertise in setting up and managing multi-channel distribution, building long-term client relationships, and developing multi-million Euro revenues. Skilled in international sales, business development, and leading multicultural teams in the pharmaceuticals, chemistry, and life sciences sectors, he has a strong track record in sales management, contract negotiation, and team building.



De Dietrich Process Systems is a global leader in process equipment and systems for the pharmaceutical, chemical, and fine chemical industries.

They specialize in manufacturing and integrating solutions for reaction, filtration, drying, and thermal separation processes. With a focus on innovation and quality, De Dietrich provides cutting-edge technologies and services, ensuring efficient and safe production processes.

Denzler, Michael

Lead AI & Data Consultant, Zühlke



Michael is a Lead AI & Data Consultant at Zühlke. He brings an extensive AI engineering background from previous deep-tech positions, where he successfully brought AI projects from concept to production. Today, he empowers organizations to harness the full potential of AI at scale, with a particular focus on establishing robust AI governance. He enjoys when companies achieve real business value from AI technologies applied in a secure and responsible manner. Michael holds a Master's degree in Artificial Intelligence.



Zühlke is a global innovation service provider. We empower ideas and create new business models by developing services and products based on new technologies – from initial vision through development, deployment, production, and beyond.

Freudenmann, Dr. Thomas

CEO and CVO, StableFlame GmbH



Dr.-Ing. Thomas Freudenmann and Member of the advisory board of StableFlame GmbH and Managing Partner of EDI GmbH has been working in the field of semantic web, AI-based algorithms and digital business models for more than 15 years. He started in 2008 when he was a member of the research staff at the IPEK - Institute of Product Engineering Karlsruhe at KIT. Thomas got his doctorate degree in 2014 with a doctoral thesis titled "Ontologies for the Validation of Products based on the Contact & Channel Approach".



StableFlame GmbH as a spinoff of EDI GmbH, offers an innovative AI-driven process that significantly enhances the efficiency and sustainability of thermal waste-to-energy plants. By capturing the waste's calorific value in real-time (Digital Twin), it optimizes combustion, reducing the need for additional fuels and lowering CO2 emissions and operating costs.

Frömberg, Jan

Technical Business Development Manager, Cloud&Heat Technologies GmbH



Jan Frömberg is an accomplished IT specialist with over a decade of diverse experience spanning both public and private sectors. Since joining Cloud&Heat Technologies in 2021, he has played an active role in significant initiatives like Gaia-X and was involved in the technical implementation of Germany's Online Access Act (OZG). With his expertise in complex technological landscapes and the ability to adapt to various IT disciplines, Jan is a valuable asset in driving innovation and digital transformation across industries.



Cloud&Heat Technologies is a Dresden-based cloud service and technology provider. With its vision of holistic, open and sustainable solutions, the company develops and operates scalable digital infrastructures. It specifically focusses on open source software, including OpenStack, in order to bring more transparency to the cloud market.

Haspel, Dr. Philip

Product Owner GenAI Techstack, EnBW AG



Dr.-Ing. Philip Haspel completed his doctorate in the field of simulation of turbulent reactive flows with a focus on renewable diesel fuels. Since December 2024 he is Product Owner for the GenAI Techstack at EnBW AG. In this role, he is responsible for the development and provision of large language models (LLMs) and software blueprints. He also regularly holds workshops and lectures on the topics of Generative AI (GenAI) and Retrieval Augmented Generation.



EnBW AG (Energy Baden-Württemberg) is one of the largest energy supply companies in Germany. Based in Karlsruhe, EnBW supplies around 5.5 million customers with electricity, gas and water. The company relies heavily on renewable energies and innovative technologies to drive forward the Energiewende. EnBW is also involved in the areas of electromobility and digital infrastructure.media.

Kämpf, Prof. Dr. Tobias

Researcher, ISF Institute for Social Science Research Munich



Tobias Kämpf is Professor of Social Sciences, Work and Digitalisation at the University of Labour. He has been researching the digitalisation of society and the future of work at for over 15 years. He completed his doctorate on the globalisation of software development (2008) and his habilitation on the digital transformation of modern working societies (2021). His current fields of research range from new business models and the transformation of companies to the future of work to the consequences for employees and industrial relations.



The University of Labour (UoL) was founded in 2021 and is state-recognised. It is the first trade union-run university in Europe. With an interdisciplinary scientific approach, we focus on the changing world of work and the challenges for industrial relations. We want to empower people professionally and encourage them to shape the world of work in a fair and democratic way.

Landhäußer, Helen

Part of the managing directors team of Mader GmbH & Co. KG



Helen Landhäußer works on a mission for a sustainable usage of industrial utilities. She has been part of LOOXR since its foundation in 2018 - initially she focused on GTM and business development followed by the role of CEO. She completed her bachelor's degree in business administration with an international management consultancy as a partner. Afterwards she completed her Master's degree in International Business. In August 2024 she joined the management board of the parent company, Mader GmbH & Co. KG.

MADER has the vision of "saving energy - for an enkelfähige future". Mader pursues a "holistic" approach that is unique in Germany and advises its customers comprehensively on the entire compressed air process and value chain - with a one-stop store approach for energy-efficient, industrial compressed air.

Lange, Dr. Thomas

Managing Director A-KAP Ventures GmbH, Achleitner Ventures



Thomas is a seasoned innovator and strategist at the intersection of business, academia, and political consulting. Formerly a Researcher at the ifo Institute for Economic Research, Head of Department at the National Academy of Science and Engineering, and Chief Strategy Officer of a DARPA-inspired innovation agency focused on national security, he led transformative projects enhancing Germany's technological capabilities and resilience. He serves as a Sherpa for the Future Council of the Federal Chancellor and is a member of the World Economic Forum's Expert Network.

At Achleitner Ventures, Thomas holds a PhD in economics and is a Certified Private Equity Analyst.

**ACHLEITNER
VENTURES**

Achleitner Ventures is a Munich-based Family Office. As an active investor, we fund groundbreaking innovations and enjoy working with some of the brightest minds and best entrepreneurs.

Lechelle, Yann

Co-founder CEO at Probabl



Yann Lechelle is an entrepreneur & tech executive, co-founder CEO at Probabl.ai, an INRIA spinoff. Previously, he was CEO at Scaleway, a leading regional cloud provider with unique European attributes and values. Over the past decades, he has founded, grown and exited a total of 6 tech startups, including Snips.ai, a privacy-by-design voice processing deep-tech acquired by Nasdaq-listed Sonos. Yann holds a Bachelor of Computer Science summa cum laude from AUP, as well as an MBA from INSEAD.



Our mission is to lead global innovation in data science by developing, maintaining, and sustaining an unparalleled suite of open-source tools, built around scikit-learn and its 1.5 billion downloads. We empower data scientists worldwide with support, training, and expertise to unlock the full potential of data-driven insights.

Leser, Dr. Florian

Head of Data Analytics & AI, KKH Kaufmännische Krankenkasse



Dr. Florian Leser has dedicated his career to technology-driven business innovation. He holds a diploma in Industrial Engineering from KIT and a Dr. oec. from the University of St.Gallen. He was also visiting researcher at Stanford University and SAP Labs Palo Alto. His professional journey began at ERGO Group AG, where he contributed to IT, corporate and digital strategy. From 2019 to 2023, Dr. Leser has been head of data at ADAC. Since 2023 he serves as Head of Data Analytics and AI at KKH.



With around 1.6 million policyholders, KKH Kaufmännische Krankenkasse is one of Germany's largest health insurers. It promotes health-conscious lifestyles with innovative programmes and offers quality-assured care. KKH combats billing fraud and is regularly awarded for service quality. Over 4,000 employees in over 100 service centres support policyholders.

Mordvinova, Olga

CEO, incontext.technology GmbH (INCTEC)



Olga Mordvinova is founder and CEO of incontext.technology GmbH, a deep-tech company for smart automation in industry and infrastructure 4.0. In 2022, she has been selected as one of the top 50 female entrepreneurs in Germany. Before founding INCTEC, she worked for IBM, SAP and ProSiebenSat1 and taught at the University of Heidelberg. Having a background in distributed computing and AI, she promotes the adoption of AI/ML in industry. She is also engaged in the popularization of STEM and is a chair of the VDU Landesverband Baden.



incontext.technology GmbH (INCTEC) provides a product for smart monitoring to increase the effectiveness and reliability of plants and relevant processes. INCTEC was awarded several times: as 'Top Service 2024', 'AI Champion BW 2021', 'Newcomer 2021 in Industry 4.0' by Orange SE and was the winner of the prestigious SNCF/Orange competition 2019 in Paris.

Münc, Tilmann

Executive Management Schulz FLEXGROUP GmbH



Tilmann Münc is part of the executive management at Schulz FLEXGROUP GmbH, the largest owner-managed and independent UV flexo printing company in Europe. After studying business administration with a focus on business informatics, Tilmann Münc held various positions in the fields of controlling, project management and digital transformation. Before joining Schulz FLEXGROUP, he was also CEO of Fachschriften-Verlag GmbH and Publishing Service GmbH.



Schulz Flexgroup, the largest owner-managed and independent UV flexo printing company in Europe. It specializes in the printing and finishing of flexible primary packaging for pharmaceutical, cosmetic, technical and non-food applications. It uses latest production technology and safety infrastructure, validated processes and high-performance printing machines.

Oder, Lisa

Editor, Tagesspiegel Background



Lisa Oder is an editor at Tagesspiegel Background and writes about digital infrastructure, sustainable digitalization and artificial intelligence. She has previously worked as a freelance author for Tagesspiegel Background and other media such as Handelsblatt and Forbes Advisor. She studied economics in Cologne, Mainz and Warsaw and is an alumnus of the Cologne School of Journalism for Politics and Economics.



Tagesspiegel Background provides all relevant news about current political debates, viewpoints from the industry and interesting facts about the players even before they are on the public agenda.

Reiling, Jonas

CEO & Co-Founder, Ubica Robotics GmbH



Jonas Reiling is the CEO of Ubica Robotics and one of its co-founders. He studied Industrial Engineering and Management at KIT in Karlsruhe and has experience in automotive and retail for both innovation and product engineering. In his current role he facilitates Ubica to develop a product tailored to brick-and-mortar retail stores and managing a successful robotics startup with deep software integration.



Ubica develops autonomous mobile scanning robots that use advanced technologies such as AI for image processing and recognition to create digital twins of retail stores in the form of semantic environmental models. These digital twins enable detailed analyses and evaluations for operational and strategic applications and processes, facilitating the optimization of retail stores.

Riedel, Dr. Till

Lab Lead TECO/SDIL, Karlsruher Institut für Technologie (KIT)



Till Riedel is a computer scientist and Lab Lead at TECO at the Karlsruhe Institute of Technology (KIT). He has been coordinating the Smart Data Innovation Lab since 2015. He works on accelerating technology transfer in the fields of data analysis and AI. He has co-authored over 150 publications in areas such as the IoT, and wearable computing. He headed the ethics monitoring for the EUHubs4Data project, coordinates the KIT's AI consulting for SMEs in Baden-Württemberg and is technical co-lead for the data platform of the AI Alliance.



TECO was founded in 1993 at the University of Karlsruhe (now KIT) for research and development in applied telematics in close co-operation with industry. KIT, 'The Research University in the Helmholtz Association', is one of the largest research institutions in Europe with over 10,000 employees.

Robin, Philippe

CEO and Co-founder, Alysophil



Philippe Robin is an experienced business leader, co-founder and president of Alysophil SAS. Under his leadership, Alysophil excels in producing fine chemistry molecules, utilizing innovative technologies such as continuous flow processes and artificial intelligence. Previously, he held executive positions at WeylChem US and Ineos, where he successfully implemented strategies for restructuring and improving industrial performance. A graduate of ENSIC Nancy, he possesses solid expertise in chemical engineering and strategic management.



Alysophil develops innovative concepts in industrial chemistry, producing high-value molecules by combining flow chemistry and artificial intelligence. These technologies accelerate development by identifying molecules to meet complex needs and implementing high-performance syntheses.

Schermann, Gennadi

CEO, DIZ | Digitales Innovationszentrum GmbH



Gennadi is the CEO of DIZ | Digitales Innovationszentrum GmbH and drives the advancement of AI and cybersecurity in Europe, particularly through his role in the European Digital Innovation Hub AI and Cybersecurity. He and his team have launched many innovation projects, including the Digital Hub applied AI Karlsruhe. He is involved in national and international committees and innovation boards. He focuses on building ecosystems that promote collaboration among research institutions, businesses, startups, and the public sector.



DIZ | Digitales Innovationszentrum GmbH empowers companies and public organizations to leverage digital innovation.

Specializing in AI, cybersecurity, and cutting-edge tech, DIZ drives collaboration between research, startups, and established businesses, ensuring the successful adoption of technologies.

Silvert, Vivien

Project Manager, ARTE



Despite my degree in Psychology, I must admit I now spend more time trying to talk to computers than to my fellows. After working a few years in heavy industry, I went on to study software development and data science. I then worked at two startups before joining ARTE as a project manager in 2024. My projects focus on chatbots, content discovery, and video understanding.



For over 30 years, ARTE has been a cultural and European channel, recognized as a label of excellence and creativity across Europe, with a mission to bring Europeans closer through culture. Embracing its European dimension more than ever, ARTE, a pioneer in digital formats such as podcasts, HD, and replay, is now determined to harness AI in the right way.

Skalt, Richard

TÜV SÜD



Richard Skalt is cybersecurity advocacy manager at TÜV SÜD's Cybersecurity Office with expertise in cybersecurity & AI regulation, technology standards, and geopolitics. He is coordinating the wide Cybersecurity Advocacy Strategy at TÜV SÜD. Priorly, he worked as a manager at the Digital Society Institute at the European School of Management and Technology and the Technology and Global Affairs Program at the German Council on Foreign Relations. He holds an M.A. in Political Science, an M.Sc. in Political Science, and a B.A. in Political Science and History.



TÜV SÜD is a renowned global service corporation specializing in testing, certification, auditing, and advisory services. Founded in 1866 with the aim of ensuring the safety of steam boilers, it has evolved into an organization committed to adding value and inspiring trust in a sustainable and digital future. With nearly 160 years of experience, TÜV SÜD is dedicated to optimizing technology, systems, and expertise for the betterment of society and the environment.

Sphor, Florian

Sales Manager, APREX Solutions



Florian SPOHR is Sales Manager at APREX Solutions. His atypical career path, enriched by practical experience in the fields of high technology, optronics and AI, has made him an expert in machine vision.



APREX Solutions is expert in machine vision and image analysis. It designs, develops and deploys complete systems, software and hardware, to automate and increase the reliability of Quality & Process control operations. Its technology combines state-of-the-art parametric algorithmic and AI methods. Its customers are manufacturers in all sectors, as well as research and innovation centres, which it supports at every stage of their projects.

Valoggia, Philippe

Senior Research and Technology Associate, Luxembourg Institute of Science and Technology



As Research and Development engineer, Philippe Valoggia explores how science and technology are shaped by and shape society. His work focuses on the development and use of responsible technologies. From this standpoint, he researches and creates methods to assess how these technologies affect people, society, and the planet. Philippe Valoggia is a full member of the ISO/IEC JTC 1/SC 42 and CEN-CLC JTC 21 subcommittees that are both related to Artificial Intelligence.



The Luxembourg Institute of Science and Technology (LIST) is a mission-driven Research and Technology Organisation (RTO) that develops advanced technologies and delivers innovative products and services to industry and society.

Vermaaten, Bernd

CEO, solute GmbH



Bernd Vermaaten has held various management positions over the past 15 years following his bank training and economic studies in Leipzig. Prior to his engagement at solute GmbH, he was responsible for worldwide commercial affairs within the PTV Group as Head of Global Finance and was involved in the M&A process with Porsche Automobile Holding SE (PSE). In May 2018, he became commercial manager and took over the management of the company in October 2018.



With over 18 years of experience in e-commerce, we see ourselves as a comprehensive service provider for all aspects of the online sales process. With our performance channels - billiger.de, Shopping Ads via Google CSS and Microsoft Advertising and a network of over 150 partners - we increase the visibility offers and ensure more customers and sales.

Vonderau, Dr. Daniel

Vice Department Manager Cybersecurity and Law und Data Protection Officer, FZI Research Center for Information Technology



Daniel Vonderau works in the „Cybersecurity and Law“ research division as vice head of department. His work focuses on IT and data protection issues and current legal regulation on information technology. As a legal scholar at the FZI, he can live out his passion for the legal understanding of technical issues. He has also been the FZI’s Data Protection Officer since 2022.



As an independent foundation, the FZI Research Center for Information Technology has stood for applied cutting-edge research in the field of computer science and its application fields for over 35 years. The FZI researches and develops innovations for the benefit of society and offers excellent researchers a unique springboard to their professional future.

Zamanian, Alireza

Research engineer, Fraunhofer IKS



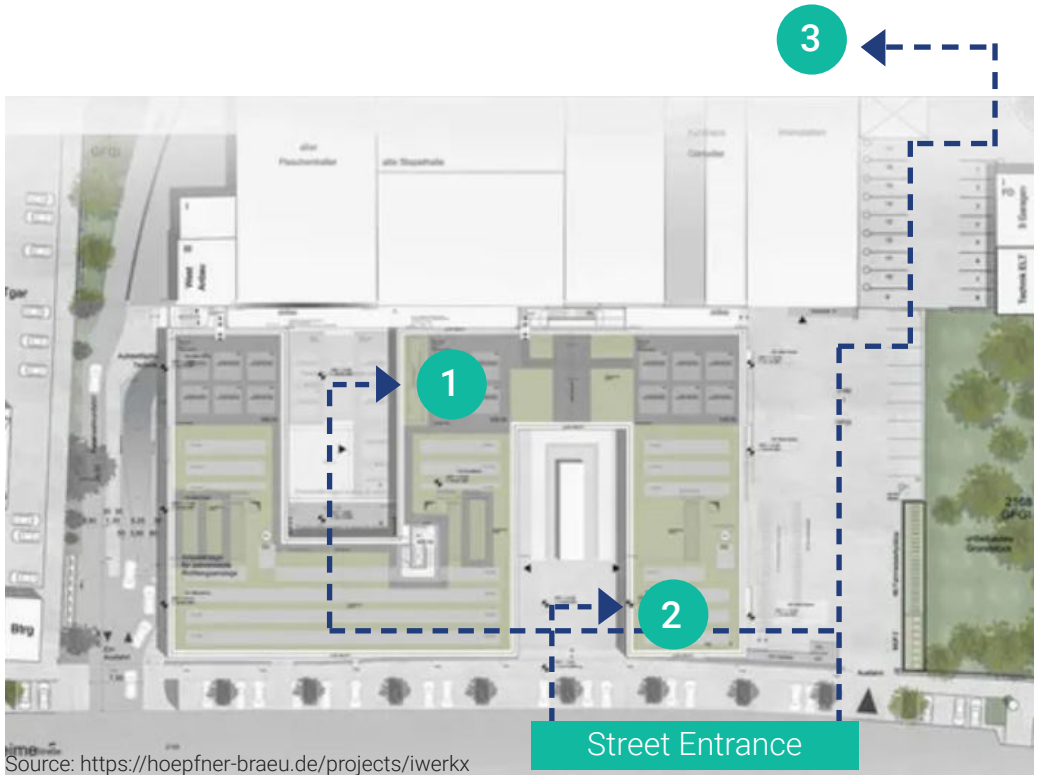
Alireza Zamanian has been a research engineer at Fraunhofer IKS since September 2021. He is doing his doctorate in computer science at the Technical University of Munich, where he is investigating reliable and interpretable analysis methods for missing data. At Fraunhofer IKS, his research focuses on the development and verification of AI models, with a focus on medical applications.



Safe Intelligence – this forms the core brand of the Fraunhofer Institute for Cognitive Systems IKS. Connected cognitive systems drive innovation in many sectors, including mobility, healthcare, and automation in industry. Fraunhofer IKS is conducting research to ensure that these applications are reliable and verifiably safe.

Location Day 1 (October 16)

Smart Production Park, Karlsruhe



Source: <https://hoepfner-braeu.de/projects/iwerkx>

1 Main Eventroom
& Registration

2 Room:
Feco-Lounge

3 Room:
Church

All Rooms are signposted. You can follow the signs to get to the respective rooms. The Registration is in front of the Main Eventroom.

Locations Day 2 (October 17)

Workshops



1 Steinbeis Workshop
Room Feco-Lounge
Smart Production Park
Rintheimer Straße 23

2 KIT & ZSW Workshop
Building 10.50 Room 604
Reinhard-Baumeister-Platz 1

3 CyberForum Workshop
Room Church
Smart Production Park
Haid-und-Neu Straße 16

4 FZI Workshop
FZI House of Living Labs
Haid-und-Neu Straße 5A

5 Fraunhofer IOSB & HKA Workshop
Building 70.41
Karlsruher Forschungsfabrik
Rintheimer Querallee 2

6 TRK & CAS Workshop
FZI Room: New York
Hauptgebäude
Haid-und-Neu Straße 10-14

Thank you

for being part of

AixIA 2024

See you next year!

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