

PRESS TRIP 2023

November 21 - 23, 2023



DISCVOVER THE AI ECOSYSTEM OF THE LÄND

A Press Trip through the AI Ecosystem of Baden-Württemberg





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WELCOME TO BADEN-WÜRTTEMBERG

Baden-Württemberg - a place where cutting-edge research, science, and industry converge to form a unique hub for AI. AI is a key technology that decisively shapes the competitiveness of our economy across nearly all sectors and industries. With outstanding starting conditions and impressive innovative strength, the region offers the ideal environment for science and industry in AI. It is home to globally renowned companies, as well as highly innovative medium-sized business sector that excels in crucial AI application areas. From manufacturing to machinery and plant engineering, automotive sector, healthcare industry, industry-related services, and software development.

With its flagship projects, Baden-Württemberg manages to seize the opportunities on such a scale that it can elevate AI from Germany to a globally leading level. The state government of Baden-Württemberg supports this path through its own digitalization strategy, financing relevant scientific and economic projects.

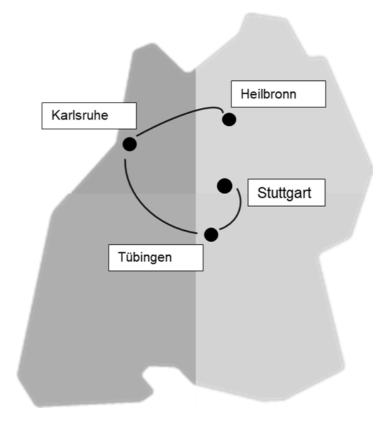
The press trip will cover the diverse facets of the AI ecosystem that Baden-Württemberg offers, from Europe's largest research consortium, Cyber Valley, to insights into AI in mobility and production, as well as start-up accelerators and insights into companies, start-ups, and research. Various opportunities will be provided to conduct interviews with the involved stakeholders.

We are delighted to show you Baden-Württemberg's AI ecosystem. We are looking forward to meeting you next week!



CONTENTS

PROGRAM PARTICIPANTS INSTITUTIONS AI EXPERTS' DINNER INDEX OF HOTELS CONTACT



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Cyber Valley



About Cyber Valley

Cyber Valley is Europes largest and leading research consortium in the field of artificial intelligence (AI) and modern robotics. It has a mission and a public mandate to advocate for entrepreneurship, research, development, application, and acceptance of technologies and methods in the field of intelligent systems. The company envisions a future where the full potential of intelligent systems is leveraged for the greater good of the world.

The Cyber Valley Community brings together partners from science, industry, and society, along with AI researchers and entrepreneurs. The Cyber Valley GmbH is funded by the state of Baden-Württemberg and acts as the central organizer, service provider, and host for the community. While the GmbH operates from Stuttgart and Tübingen, Cyber Valley has a larger scope: As a national and European driving force, it attracts the best people from all over the world to create the future with AI.

Following companies and projects will be presented:

Optocycle GmbH: <u>Optocycle GmbH</u> is a leader in environmental technology, revolutionizing the recycling industry with state-of-the-art optical sorting systems. Their advanced artificial intelligence and machine learning platforms enable precise analysis and classification of mineral waste, optimizing recycling processes and resource recovery.

Their systems are integral to the construction and recycling sectors, providing impartial, thirdparty material assessment at the point of delivery. With their commitment to innovation and sustainability, Optocycle is dedicated to contributing to a circular economy by enhancing efficiency and promoting closed-loop practices in various industries.

IRIS: The Interchange Forum for Reflecting on Intelligent Systems (IRIS) – a Stuttgart Research Focus at the University of Stuttgart – provides a platform to stimulate, develop, and promote critical reflection on intelligent systems and their impact on society through research, public engagement, teaching, and collaboration. It is a pioneering initiative that fosters collaborative research across diverse fields of study and provides a space for interdisciplinary exchange within and beyond the university. For more information about IRIS and its ongoing projects, please visit <u>www.iris.uni-stuttgart.de</u>.

RHET AI Center: Center for Rhetorical Science Communication Research on Artificial Intelligence

Artificial intelligence (AI) poses enormous social, cultural, and ethical challenges. This raises a number of pressing questions with regards to how (self-)learning systems work and can be used, the risks and opportunities of AI, what interaction between intelligent systems really means, and how automated decision-making systems can alter public discourses. While research in the field is advancing rapidly, the prospect of widespread AI-based technologies has not only been met with enthusiasm. In fact, the current social debate has also revealed widespread skepticism, doubt, and fear. At the same time, German and European policymakers are only beginning to discuss approaches to regulating AI research and applications.

To examine these and related issues, the University of Tübingen has established the Center for Rhetorical Science Communication Research on Artificial Intelligence (RHET AI). The RHET AI Center is funded by the Volkswagen Foundation within its funding port folio <u>Science</u> <u>Communication Cubed</u>.

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