



Viva Technology

French-German Tech Lab: cooperation for digital sovereignty

Stand C33



At Vivatechnology 2022, France and Germany are showcasing their digital champions of the future at the French-German Tech Lab. The initiative is led by 12 academic and economic partners who will present 100 start-ups poised to take on technological challenges of the future in the areas of artificial intelligence, quantum technologies and industry 4.0, thus accelerating the ecological transition and development of Europe's technological sovereignty.

This French-German Tech Lab covering 300m² at Viva Technology was set up by Institut Mines-Télécom in cooperation with its German-French Academy for the Industry of the Future, the Franco-German University (FGU/DFH/UFA), Karlsruhe Institute of Technology (KIT), Technical University of Munich (TUM), l'École Nationale Supérieure d'Arts et Métiers, the Franco-German Research and Innovation Network on Artificial Intelligence led by the French National Institute for Research in Digital Science and Technology (Inria) and the German Research Center for Artificial Intelligence (DFKI), the German-French Chamber of Industry and Commerce (AHK), Ecosystème De Hub and institutions from the German states of North Rhine-Westphalia, Berlin and Saarland.

The Ecosystem of French-German cooperation at the French-German Tech Lab

The French-German Tech Lab showcases innovative technology companies and also provides a forum for reflection, bringing together key stakeholders in the cooperation between the two countries. Entrepreneurs, institutional players and experts will participate in round tables on business opportunities and Franco-German technological challenges. They will also present major flagship projects, including the following:

- Two initiatives devoted to research, training and innovation on the industry of the future: the German-French Academy for the Industry of the Future (by Institut Mines-Télécom and Technical University of Munich) and the French-German Institute for Industry of the Future (by École Nationale Supérieure des Arts et Métiers and Karlsruhe Institute of Technology);

- The joint strategic program for research and innovation on artificial intelligence led by Inria and DFKI (German Research Center for Artificial Intelligence);
- The French-German University, which supports bilateral cooperation in higher education and research;
- The German-French Chamber of Industry and Commerce, which facilitates and improves the development of business between French and German companies.
- Three German regions with the most dynamic ecosystems: Berlin, North Rhine-Westphalia, and Saarland, who will present their best start-ups.
- The Digital Hub initiative led by Germany Trade & Invest, an organization that brings together German SMEs and 12 centers of excellence.

Europe's Future Digital Champions

The 100 start-ups present at the French-German Tech Lab are involved in a wide range of technological fields. Institut Mines-Télécom will present 3 start-ups from its incubators. [SCorp-io](#) is the first no-code industrial cloud control platform. It enables the real-time management of millions of events per second (Kubernetes and Kafka). [3D Aerospace](#) offers connected map and high-definition geolocation services for agriculture. Using Galileo satellites, it aims to support autonomous applications on the ground, such as self-driving cars and tractors, and in the sky, such as drones. [GoodFlow](#) reduces CO2 emissions by making reusable industrial packaging cheaper than disposable by automating their tracking and management.

These start-ups will be joined by others, all of which respond to specific sovereignty issues. SafeAD (Germany) has created an AI solution for autonomous vehicles enabling real-time analysis of the road. FixFirst (Germany) offers a software platform dedicated to circular economy processes. Finally, in an era of food and agricultural sovereignty concerns, Inarix (France) has developed an application to control agricultural production via AI video analysis.

DIWII, the platform for the industry of the future

The Digital Intelligence Way for Industry Institute (DIWII) platform can recreate a digital and physical factory in order to experiment, train and support SMEs, mid-caps and large groups in their digital, environmental, energy and organizational transitions. This platform has been set up by various academic and industrial stakeholders: Mines Saint-Étienne (IMT), emlyon business school, SIGMA Clermont, Le Centre Technique des Industries Mécaniques (CETIM), Siemens, 2MAtech, HumantoData and Bosch Rexroth.

About Institut Mines-Télécom www.imt.fr/en

Institut Mines-Télécom is France's leading public group of engineering and management graduate schools, under the supervision of the French Ministry for the Economy, Industry and Digital Affairs. The public higher education and research institution is made up of eight public graduate schools: IMT Atlantique, IMT Mines Albi, IMT Mines Alès, IMT Nord Europe, Institut Mines-Télécom Business School, Mines Saint-Étienne, Télécom Paris and Télécom SudParis and two subsidiary schools: EURECOM and InSic. It leads and develops a rich ecosystem of partner schools, economic, academic and institutional partners, and players in training, research and economic development. Created in the 19th century to meet France's economic and industrial development needs, Institut Mines-Télécom graduate schools have accompanied every revolution in industry and communications. Through research and training of engineers, managers, and PhDs, Institut Mines-Télécom takes up the major industrial, digital, energy and ecological challenges in France, Europe and around the world. Nowadays, with its schools Institut Mines-Télécom is working to imagine and create a world that combines science, technology and economic development with respect for the planet and for the women and men who live on it. It is recognized by 2 Carnot Institute accreditations and trains over 13,300 students each year.



About the The Franco-German Academy for the Industry of the Future www.future-industry.org

The Franco-German Academy for the Industry of the Future (AFA) is a bilateral initiative created at the Franco-German Digital Conference on October 27, 2015. The Technische Universität München (TUM) and the Institut Mines-Télécom (IMT) were appointed to give concrete expression to the political will expressed by the two governments to improve the competitiveness of our economies, to foster Franco-German cooperation and to meet the challenges of the digital transformation of industry. In order to pursue these objectives, the AFA is active in three areas: research, education and innovation. In terms of research, the Academy has funded 20 TUM/IMT research projects since 2017.

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