Healthcare industry BW

Cyber Valley welcomes five new members to its Start-Up Network

Five new companies from the Stuttgart/Tübingen region in southwestern Germany have joined the Cyber Valley Start-Up Network. The innovative technologies and products of AmbiGate, Cytolytics, Mojin Robotics, plus10 and Tactai aim to achieve ground-breaking improvements in the fields of public health, manufacturing, and customer service. These start-ups join ten other companies that are already part of the Cyber Valley Start-Up Network.

"We are pleased to be welcoming these new members to the Cyber Valley Start-up community", said Michael Black, Director of the Perceiving Systems Department at the Max Planck Institute for Intelligent Systems and Spokesperson of Cyber Valley. "These companies show that the AI ecosystem that we've built is thriving. Since it was launched less than a year ago, the Start-Up Network has gained significant momentum. The diversity of its members testifies to the broad scope of AI expertise in southwestern Germany and demonstrates the region's strength as a tech hotspot."

AmbiGate is a Tübingen-based software company that specializes in human motion sensing. The spin-off of the University of Tübingen has developed software that – combined with 3D camera systems or common smartphone cameras – precisely analyses human motion to offer a solution for one of society's most widespread health problems: back pain.

Also based in Tübingen, Cytolytics has developed software that improves medical analyses and generates knowledge for research. Based on machine learning, the software speeds up flowcytometry analysis while at the same time ensuring more reliable results. Flowcytometry is used for routine diagnostics in hematology, infectiology and immunology, among others. Cytolytics is already collaborating with the Tübingen University Hospital.

In Mojin Robotics, an already well-known player has joined the Cyber Valley start-up community. Its "Care-O-bot®4" robotics platform offers individual solutions in all kinds of customer service scenarios, such as retail, hotels, museums, hospitals, and airports. In 2015, Care-O-bot® won the prestigious RedDot Design Award with the distinction "best of the best" and in 2017, Mojin's service robot Paul won at the retail technology awards europe (reta) in the category "Best Customer Experience". The company, which is a spin-off of the Fraunhofer IPA Stuttgart and is based in Leinfelden-Echterdingen, is currently working on its next product: a mobile service robot for the logistics and manufacturing industry.

plus10 has developed AI-based software tools to optimize automated manufacturing lines in the fields of consumer goods, medical devices and pharmaceutical production. For instance, its "Shannon®" virtual assistant system for machine operators helps increase productivity by delivering information about possible sources of error and identifying quick fixes. In addition, the "Darwin" software continuously learns about the behavior of automated stand-alone machines and provides feedback about technical improvements for each of machine. plus10 is also a Fraunhofer high-tech spin-off, operating from offices in Stuttgart and Augsburg.

Tactai has developed software and hardware products that bring the natural sense of human touch to online digital interactons across a wide range of applications, among them touchscreens, VR devices, and haptic sensors. The company's "Dynamic Haptics Platform" can be used for both commercial and medical applications. Tactai was cofounded by Katherine J. Kuchenbecker, Director of the Haptic Intelligence Department at the Max Planck Institute for Intelligent Systems in Stuttgart. The company is based in both Stuttgart and Boston, USA.

Further information

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