

Press release

German startup tacterion presents unique sensor technology at CES 2017

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The young company founded by the two brothers Michael and Daniel Strohmayer provides one of the most promising technologies when it comes to sensor technologies and new materials for HMI for consumer electronic products. tacterion can be found at the booth #50602 at Eureka Park - a specialized exhibit area that is reserved for startups with new technologies or products that are not on the market yet, but have the potential to be "the next big thing". Visitors can interact with different live demos on-site.

Where machines and products get a sense of touch

tacterion's unique technology is a highly flexible and stretchable sensory layer called sensorskin. It measures interaction and pressure on any surface enabling a multi-touch-multi-force interface to revolutionize human-machine-interaction. It makes the company interesting for various industries in the battle for the most innovative products. Michael Strohmayer comments: *"we are the first company that offers this kind of interface solution that combines high sensitivity with a impact-proof design. In the future more and more everyday products - for example our clothes will be smart; with our sensorskin modules we create the basis to make the user experience smooth and intuitive and enhance the perceived quality of the resulting products."*

tacterion's technologies will shape the future look and feel of consumer electronics

sensorskin is highly stretchable, extremely tough and can be applied to complex and deformable surfaces. The sensorskin modules can be integrated into consumer products and industrial solutions. This enables product- and interface designers to offer a more natural and individual user experience than ever before -powered by sensorskin. The integration of sensorskin will create entirely new functionalities for the end-users interacting with the products. *"We are here to meet and team up with the leading companies of different industries. Especially in the fields of Virtual Reality, Robotics, Gaming and Wearables the applications of our sensorskin will enable companies to create new products and designs with a haptic user experience like never before. The many enquiries so far confirm that we are on the right track. So we are very proud to be part of the CES."* Complements Daniel Strohmayer, Co-CEO of tacterion.

At CES tacterion showcases different live demos of sensorskin R. and sensorskin C. A highlight for visitors is hitting a sensor with a hammer to experience the robustness of the technology.

About tacterion

tacterion is a high-tech sensor company based in Munich/Germany. The startup was founded in 2015 as a spin-off of the German Aerospace Center (DLR). tacterion develops and markets the unique tactile sensor technology called sensorskin. sensorskin is a highly flexible sensory layer that measures interaction and pressure on any surface. The company was selected as one of the top 3 IoT startups in Germany in Bitkom's Innovator's Pitch competition 2015. tacterion closed an 8-digit funding round in mid-2016.

About the founders

Michael Strohmayer

Dr.-Ing. Michael Strohmayer is CEO/CTO of tacterion. He invented and developed the base for tacterion's sensorskin technology at the Robotics and Mechatronics Center of the German Aerospace Center (DLR). He studied Mechatronics at the University of Applied Sciences in Augsburg and Biomedical Engineering at the Technical University of Munich. He did his Ph.D. in Robotics at the Institute for Intelligent Process Control and Robotics (IPR) of the Karlsruhe Institute of Technology (KIT) and at DLR.

Daniel Strohmayer

Daniel is Co-CEO of tacterion. He studied Business Administration and Innovation Management in Germany, the U.S. & Portugal. In addition, he graduated from the Technology Management Honors Degree program of Munich's Center for Digital Technology and Management (CDTM). During and after his studies he worked for two years at the Fraunhofer Society Headquarters' Technology Management and supported potential spin-off teams with business development. In 2014 he joined a strategic consultancy specialized on family companies to work on building up the new "Innovation & New Business" department. Since mid 2015 Daniel is working full time for tacterion.

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