

Henkel and Holst Centre continue collaboration

Eindhoven (NL) /Düsseldorf (DE), February 5th, 2018 - Henkel and Holst Centre today announced the extension of their fruitful longterm collaboration, which focuses on developments related to health patch technologies and products. Drawing on a wide range of complementary expertise, Henkel and Holst Centre will continue the development of several solutions in the field of wearable devices.

“We’ve enjoyed a long and highly rewarding relationship with Holst Centre, so it’s great to know we’ll be continuing to work together for another term,” said Dr. Gunther Dreezen, Director Product Development at Henkel Electronic Materials. “Our collaboration affords us close contact with other Holst Centre partners, who cover the spectrum of the value chain. This provides unique opportunities for research cross-pollination and gives us a better understanding of potential markets, helping us to develop solutions that fulfill people’s real needs.”

The collaboration has already led to significant developments in electrode technology and interconnection materials. For example, the partners have developed an innovative, high-performance dry electrode that could replace the familiar gel electrode in medical monitoring and diagnostic applications. During the next period of the collaboration, the partners aim to further optimize the new electrode and incorporate it into health patch devices.

The partnership will also look at developing a set of materials that could enable health patches to be worn on the body for a long time. The aim is to make health patches wearable for several days, without discomfort or loss of product functionality.

“Henkel is an extremely valuable member of our wearable health ecosystem,” said Dr. Jeroen van den Brand, Program Director for hybrid and printed electronics the printed electronics activities at Holst Centre. “We are very pleased with this third extension to our collaboration. It will allow us to advance the technologies that are vital for long-term-wear health patches. Holst Centre also looks forward to experiencing more breakthroughs by Henkel, as their many areas of interest contribute to a wide range of our programs.”

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About Holst Centre

Holst Centre is an independent R&D center that develops technologies for wireless autonomous sensor technologies and flexible electronics, in an open innovation setting and in dedicated research trajectories. A key feature of Holst Centre is its partnership model with industry and academia based around roadmaps and programs. It is this kind of cross-fertilization that enables Holst Centre to tune its scientific strategy to industrial needs.

Holst Centre's fundamentals are to contribute to answering global societal challenges in healthcare, lifestyle, sustainability and the Internet of Things. This is visible through the motivation of its researchers, its different collaboration models and the choice of its research topics.

Holst Centre was set up in 2005 by imec (Flanders, Belgium) and TNO (The Netherlands) and is supported by local, regional and national governments. Located on High Tech Campus Eindhoven, Holst Centre benefits from, and contributes to, the state-of-the-art on-site facilities. Holst Centre has over 200 employees from some 28 nations and a commitment from more than 50 industrial partners. More information at www.holstcentre.com

About Henkel

Henkel operates globally with a well-balanced and diversified portfolio. The company holds leading positions with its three business units in both industrial and consumer businesses thanks to strong brands, innovations and technologies. Founded in 1876, Henkel looks back on more than 140 years of success. Henkel's preferred shares are listed in the German stock index DAX. The DAX-30 company has its headquarters in Düsseldorf, Germany. Henkel employs more than 50,000 people worldwide, over 80 percent of whom work outside of Germany. As a recognized leader in sustainability, Henkel holds top positions in many international ratings and rankings. More information can be found at www.henkel.com

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