

Munich, March 16, 2022

Press release

LOPEC 2022

Printed electronics for all industries

LOPEC, the international exhibition and conference for flexible, organic and printed electronics, will soon open its doors in the ICM – Internationales Congress Center München. From March 22 to 24, exhibitors from Germany and abroad will present conductive nano-inks, wafer thin paper batteries and many other innovations.

Lightweight, thin, flexible and sustainable, cost-efficient to manufacture and robust in use: Thanks to these qualities, organic and printed electronics are conquering various industries, from the automotive sector to medical technology. LOPEC reflects this broad spectrum. With more than 150 exhibitors from 23 countries registered so far, this year's trade fair will reach the level of LOPEC 2019, the last time the industry met in person.

“Printed electronics enable entirely new applications that can't be implemented with traditional components,” explains Klaus Hecker, the Managing Director of the industry association and LOPEC co-host OE-A (Organic and Printed Electronics Association), an international working group within VDMA. The LOPEC Innovation Showcase brings all of these fascinating applications together. One application sure to turn heads is the BMW iX Flow concept car, which changes color at the push of a button – thanks to technology that will be familiar to e-book readers. The US company InkSpace Imaging will be showcasing a highlight from the field of medical technology, printed coils for magnetic resonance imaging (MRI) integrated into a kind of blanket, which makes examining children significantly easier. Likewise, sports fans visiting the LOPEC Innovation Showcase can look forward to skis with integrated sensors from Austrian manufacturer Atomic.

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A major enabler of all these groundbreaking applications is material science. Industry giants like NovaCentrix and Henkel, as well as many small and medium-sized companies will be presenting innovative printing materials at LOPEC. At the booth of German material manufacturer Saralon, visitors can expect a wide array, including a set of seven inks for printing batteries onto paper or plastic. Meanwhile, Swedish start-up n-Ink has developed innovative nano-inks for organic electronics. Visitors to LOPEC will also find out about printing systems, coating technologies, testing systems and all the other instruments that are essential for the market success of printed electronics.

Attractive supporting program

During the LOPEC Start-up Forum on March 23, entrepreneurs from eight countries will present their business ideas, ranging from electronics to biotechnology. German start-up Mimotype wants to use natural light molecules from miniature, blue luminescent crabs for OLEDs. BeFC from France, meanwhile, is developing enzyme-based fuel cells as a recycling-friendly alternative to previous batteries.

The best start-up presentations will be rewarded with the LOPEC Award at the LOPEC Get-Together on the evening of March 23. The award ceremony for the OE-A Competition will also be held during this event. 23 companies and research institutions are taking part in the competition, including IEE from Luxembourg with a leg prosthesis, whose integrated sensors ensure a safe stride, as well as the Dutch Holst Centre, whose monitoring mat keeps an eye on babies' body position, breathing and heart rate.

The OE-A working group "Women in Printed Electronics" extends an invitation to a round table in the foyer of the ICM from 11:00 a.m. to 12:00 p.m. on March 24. The panel will discuss the advantages of diverse teams, for printed electronics and beyond.

"With our attractive supporting program, we invite all visitors, exhibitors and speakers at LOPEC to take part in networking," says Armin Wittmann, Exhibition

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Director of LOPEC at Messe München. “We sense just how much the industry wants to exchange in person after the dry spell caused by the pandemic.”

LOPEC offers the ideal opportunity to do so.

You can find more information at www.lopec.com

LOPEC

LOPEC (Large-area, Organic & Printed Electronics Convention) is the world’s leading event for printed electronics. The combination of exhibition and conference covers the complexity and dynamism of this young industry perfectly. LOPEC is organized jointly by the OE-A (Organic and Printed Electronics Association) and Messe München GmbH. The next event will take place from March 22 to 24, 2022 at the ICM – Internationales Congress Center München. www.lopec.com

Messe München

Messe München is one of the leading exhibition organizers worldwide with more than 50 of its own trade shows for capital goods, consumer goods and new technologies. Every year, about 50,000 exhibitors and around 3 million visitors take part in more than 200 events at the exhibition center in Munich, at the ICM – Internationales Congress Center München, the Conference Center Nord and the MOC Veranstaltungszentrum München, and also abroad.

Together with its subsidiary companies, Messe München organizes trade fairs in China, India, Brazil, Russia, South Africa, Turkey and Vietnam. With a network of associated companies in Europe, Asia and South America, and with around 70 representations abroad for more than 100 countries, Messe München has a global presence.

OE-A

The OE-A (Organic and Printed Electronics Association) is the world’s leading industrial association for flexible, organic and printed electronics. It represents the entire value chain of this industry. Its members are world-leading companies and institutions, from research and development institutes to, mechanical engineers and material manufacturers to producers and end users. Many more than 200 companies from Europe, Asia, North America, and Africa work together in the OE-A to further advance the development of a competitive infrastructure for the production of organic electronics. OE-A is an international working group within VDMA. www.oe-a.org