

Munich, January 11, 2017

Press Release

LOPEC 2017: Printed electronics for the car of tomorrow

LOPEC will be taking place in Munich, Germany from March 28–30, 2017, providing information on the latest products, technologies, and trends in printed electronics. This year, the automotive industry will be one of the focal points of the international exhibition and conference. Whether in the form of curved displays in the dashboard or OLEDs in vehicle lighting, printed electronic components are opening up a wealth of new design options and are increasing driving comfort levels.

In the self-driving car of the future, the interior is set to become a personal place of retreat, with design and function to undergo a full transformation. After all, if drivers no longer have to concentrate on the road so much, they will be looking for entertainment, relaxation, or even opportunities to turn their cars into mobile offices. LOPEC 2017 will be showcasing previously unimaginable opportunities that printed electronics has to offer when it comes to redesigning car interiors. “Printed electronic components will play a key role in the future of automotive manufacturing because they are lightweight and flexible. Plus, printing methods are ideal for mass production,” explains Dr. Klaus Hecker, Managing Director of the OE-A (Organic and Printed Electronics Association), who is working together with Messe München to organize LOPEC.

The “Automotive and Aerospace” session at the LOPEC Conference focuses on the topic of printed electronics within the automotive industry. Examples of applications, including flexible sensors for car seats as well as innovative displays and lighting concepts, will also feature in other conference modules on the program.

We will hear all about the latest developments in the field of organic light-emitting diodes (OLEDs) during specialist presentations from automotive part supplier

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Hella, company Cambridge Display Technology, and the Fraunhofer Institute for Organic Electronics, Electron Beam and Plasma Technology FEP. Already found in taillights, these planar light sources are set to light vehicle interiors nicely in future too, with passengers able to set the brightness and color of the OLEDs to suit their mood.

While printed touchscreens are another existing feature found in vehicles, at LOPEC manufacturer PolyIC will be revealing systems that respond to gestures as well as touch. Printed onto transparent film, these components can be incorporated into curved surfaces. Creating the perfect combination of functionality and design is also the main priority of Finnish company TactoTec. They will be heading to Munich, Germany to present their patented injection molding method, which is used to integrate electronic components into plastic products.

“LOPEC is not just aimed at the specialists, but also very much at end user industries,” highlights Falk Senger, Managing Director of Messe München. Introductory talks are to be held on March 29 and 30 to help representatives of the automotive industry take their first successful steps into the world of printed electronics. These will be followed by industry-specific guided tours of the exhibition. Plus, a round-table discussion is scheduled for the LOPEC Forum, where industry experts will discuss the potential of printed electronics within vehicle manufacturing.

Further information: www.lopec.com.

Online [accreditation](#) for LOPEC 2017 is available now. Have yourself accredited in advance and conveniently print out your press pass at home.

LOPEC

LOPEC (Large-area, Organic & Printed Electronics Convention) is the leading international event for printed electronics. The combination of an exhibition and a conference is the perfect way to depict the complex and dynamic nature of this new industry. About 2,100 participants from 46 countries attended the exhibition and the conference in 2016. There were 148 exhibitors from 18 countries, and speakers from 27 countries gave 196 lectures. LOPEC is organized jointly by the OE-A (Organic and Printed Electronics Association) and Messe München GmbH. The next event

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takes place from March 28–30, 2017 at the ICM – Internationales Congress Center München in Munich, Germany. www.lopec.com

Messe München

Messe München is one of the world's leading trade-show companies. It organizes some 40 trade shows for capital and consumer goods and key high-tech industries in Munich and abroad. Each year more than 30,000 exhibitors and some two million visitors take part in events held at the Messe München trade-fair center, the ICM – Internationales Congress Center München and the MOC Veranstaltungszentrum München. In addition, Messe München organizes trade shows in China, India, Turkey, South Africa and Russia. Messe München has a global business presence with affiliates in Europe, Asia and Africa and more than 60 foreign representatives serving more than 100 countries.

OE-A

The OE-A (Organic and Printed Electronics Association) was founded in December 2004 and is the leading international industry association for organic and printed electronics. The OE-A represents the entire value chain of this industry. The members are world-class global companies and institutions, ranging from R&D institutes, mechanical engineering companies and material suppliers to producers and end-users. Well over 200 companies from Europe, Asia, North America, South America, Africa and Oceania are working together to promote the establishment of a competitive production infrastructure for organic and printed electronics. The OE-A is building a bridge between science, technology and application. The OE-A is a working group within VDMA. www.oe-a.org