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Munich, February 28, 2019

Press Release

LOPEC Conference 2019 in Munich, Germany

From e-textiles to artificial intelligence: Printed Electronics as a key technology

With its three-day Conference, LOPEC, the international exhibition for printed electronics, is bridging the gap between science and industry.

From March 19 to 21, 2019, manufacturers, users and researchers from all over the world will meet in Munich to discuss innovations and trends in printed electronics.

Whether it is sensors for autonomous driving or light emitting diodes in smart clothing: In their innovation process, many industry sectors rely on lightweight and flexible electronic components from the printer. “Printed electronics has evolved into a cross-sectional and key technology,” points out Wolfgang Mildner, General Chair of LOPEC and CEO of the consulting and technology company MSW. Its range is reflected in the approximately 200 contributions to the Conference, which will begin on March 19 with the Business Conference and the Short Courses. The Technical and Scientific Conferences will be held on March 20 and 21 respectively.

Focus on human-machine interactions

The 2019 Conference will focus on human-machine interactions and artificial intelligence systems. On March 20, Sébastien Chaumiole, Electronics Leader at IBM's Watson IoT Center, will give a plenary lecture about the combination of printed electronics and artificial intelligence, for example to ensure safety in the workplace. During the “Human Machine Interfaces” session on March 21, Christophe Cazes, Innovation Director at

Press Contact
Messe München GmbH
Isabella Lauf
Tel. +49 89 949-21487
isabella.lauf@
messe-muenchen.de

Press Contact OE-A
Sophie Verstraelen
Press & Public Relations
Tel. +49 69 6603 1896
sophie.verstraelen@oe-a.org
oe-a.org

Messe München GmbH
Messegelände
81823 München
Germany
messe-muenchen.de

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the French automotive supplier Novares, will take a visionary look at the interior of vehicles. Those who are interested in the [mobility](#) of tomorrow, should not miss the plenary lecture by Airbus Project Manager Dennis Hahn on March 21.

In their plenary lectures on the third day of the Conference, Professor Korina Molla from the Spanish textile technology institute AITEX, Professor Steve Beeby from the English University of Southampton and Dr. Jyrki Schroderus from the Finnish company Polar are going to focus on [e-textiles](#) and portable electronics. With the sessions “Wearable Electronics” and “Smart Textiles”, the Technical Conference will explore the topic even further.

3D-structural electronics and innovative materials

The success of printed electronics is based on the rapid evolution of materials and manufacturing processes. The Short Courses are taking a closer look at the trend topic [3D-structural electronics](#). They are going to provide information on manufacturing techniques ranging from 3D printing to in-mold processes for the integration of printed electronics in injection molding of plastics.

The Scientific Conference will also focus on innovative printing techniques and, above all, new materials—from magnetic inks and new semiconductor polymers to microfluidically produced nano materials. “The numerous confirmations received from renowned scientists from all over the world are proof of the international importance of the LOPEC Conference”, emphasizes Mildner. Speakers include Professor Xugang Guo from the Southern University of Science and Technology in Shenzhen, China, and Professor Alison Walker from the University of Bath in England.

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An Opportunity for start-ups

Success stories, market opportunities and other economic aspects are on the agenda for the Business Conference. For example, Jon Stark, CEO of the British company Peratech, is providing an opportunity for start-ups under the keyword co-innovation, as more and more corporations are opening up their development departments to external partners. A start-up forum with ten-minute pitches is going to round off the Business Conference.

Initiate cooperations to accelerate the innovation process: With the combination of Exhibition and Conference, LOPEC offers the ideal conditions.

The entire Conference program can be found online at:

www.lopec.com/conference

Service

Further information and background data can be found at www.lopec.com.

Image material is available from the [media database](#). All contributions from LOPEC TV can be found on our [webpage](#) as well as in the [media library](#). In the [download section](#), original recordings from LOPEC in broadcast quality are made available to you free of charge.

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 young industry. Around 2,500 participants from 51 countries attended the event in 2018. There were 153 exhibitors from 21 countries, and 188 conference presentations from 25 countries. LOPEC is organized jointly by the OE-A (Organic and Printed Electronics Association) and Messe München GmbH. The next event takes place from March 19 to 21, 2019 at the ICM – Internationales Congress Center München in Munich, Germany. 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, a total of over 50,000 exhibitors and around three million visitors take part in more than 200 events at the

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exhibition center in Munich, at the ICM – Internationales Congress Center München and the MOC Veranstaltungszentrum München as well as abroad. Together with its subsidiary companies, Messe München organizes trade shows in China, India, Brazil, Russia, Turkey, South Africa, Nigeria, Vietnam and Iran. With a network of associated companies in Europe, Asia, Africa and South America as well as around 70 representations abroad for over 100 countries, Messe München has a global presence.

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