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contact Isabella Treser
phone + 49-69-6603-1896
fax + 49-69-6603-2896
e-mail Isabella.treser@oe-a.org
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OE-A and LOPEC celebrate innovation with the OE-A Competition and Start-up Competition Awards 2025

The winners of both the annual flexible and printed electronics competition “OE-A Competition” and the “LOPEC Start-Up Competition” were officially announced at LOPEC 2025. The focus of this year’s OE-A Competition is on sustainable solutions for the smart living market.

Frankfurt, March 13, 2025: This year's OE-A competition was dominated by projects and products that focus on smart living. 20 entrants from around the world submitted their latest visions and products to the OE-A Competition 2025. From smart patches for healthcare applications to hydrogen tanks and new lighting applications: innovative demos and products that illustrate the potential and capabilities of printed electronics were recognized at LOPEC 2025, the international exhibition and conference for printed electronics, in Munich, Germany. The competition is organized annually by the OE-A (Organic and Printed Electronics Association), a working group within the VDMA.

The panel of judges, comprising experts from international companies and research institutions, assessed 20 submissions across three categories. In addition to the jury's evaluation, LOPEC attendees had the opportunity to cast their votes. At the OE-A booth, where all demonstrators were showcased, visitors were invited to select their favorite innovation for the “Public Choice Award.”

"The OE-A Competition 2025 is particularly notable for its numerous applications in the smart living sector. We have increasingly seen projects that offer smart solutions for everyday life with a strong emphasis on sustainability " said Dr. Klaus Hecker, Managing Director of the OE-A.

Each year, the competition pushes the printed electronics industry to present its most innovative and forward-thinking developments.

The awards were officially handed over during the LOPEC Award Show to the following winners:

- » **Best Prototype and New Product**
Health patch development platform
[Lohmann GmbH & Co. KG](#), Germany

- » **Best Freestyle Demonstrator**
Fully additive manufactured light bulb
[FAPS Institute for Factory Automation and Production Systems at the Friedrich-Alexander-Universität Erlangen-Nürnberg](#), Germany

- » **Best Publicly Funded Project**
Hydrogen tanks shock and fatigue detection sensors
[Piezotech Arkema](#), France

- » **Public Choice Award**
Smart hard hat
[CeNTI - Centre for Nanotechnology and Advanced Materials](#), Portugal

Additional information and photos of all competition entries are presented at the OE-A website: <https://oe-a.org/oe-a-competition-2025>.

Save the date April 03 – Web-Seminar

Mark your calendar for the Web-Seminar "[Printed Electronics Insights: OE-A Competition 2025 – The Winners](#)" on April 03, 15:30 h CEST. The winners of each category will present their projects online to the community and all those who are interested in the further development of printed electronics.

Young entrepreneurs wanted for LOPEC Start-up Competition

As part of the LOPEC Business Conference, the OE-A supports emerging companies and startups through the Start-up Competition. "The goal of the Start-up Competition is to connect young entrepreneurs with potential partners and investors to help bring their business ideas to life. LOPEC provides these companies with the opportunity to pitch their ideas at the Forum and showcase their innovations in the dedicated Start-up area," explains Dr. John Fahlteich, Chair of LOPEC Start-up Competition.

Two awards were presented:

LOPEC Start-up Competition 2024

Best Business Case

Dr. Lorenzo Agostini
Adaptronics, Italy
adaptronics.it

Most Impactful Technology/Product

Dr. Qiaoshuang Zhang
Prio Optics GmbH, Germany
prio-optics.com

As a special honor the two winners will each be provided with a start-up stand package at LOPEC 2026.

Be part of the OE-A Competition 2026

The OE-A Competition 2026 will be launched in June 2025. Competition entries will be displayed at the OE-A stand during the next LOPEC, 24-26 February 2026 in Munich. For more information on the OE-A Competition, please visit oe-a.org.

If you have any questions, please do not hesitate to contact Dr. Klaus Hecker, OE-A Managing Director, phone: +49 69 66 03-13 36, e-mail: klaus.hecker@oe-a.org



Proud winners of the OE-A Competition and LOPEC Start-up Competition 2025.

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Organic and Printed Electronics Association

The OE-A (Organic and Printed Electronics Association) is the leading international industry association for flexible, organic, and printed electronics. The OE-A represents the entire value chain of this emerging industry. Our members are world-class global companies and institutions, ranging from R&D institutes, mechanical engineering companies and material suppliers to producers and end-users. 200 companies from Europe, Asia, North America, and Africa are working together to promote the establishment of a competitive production infrastructure for organic and printed electronics. The vision of the OE-A is to build a bridge between science, technology, and application. The OE-A is a working group within VDMA. More than 3,600 member companies from the engineering industry make VDMA the largest industry association in Europe.

<https://www.oe-a.org>

Flexible, organic, and printed electronics

Organic and printed electronics stands for a revolutionary new type of electronics: they are thin, lightweight, flexible, robust, and produced at low cost. It enables new applications, including single-use devices enabling ubiquitous electronics.

LOPEC

The OE-A and Messe München are the hosts of LOPEC, the premier international exhibition and conference for the printed electronics industry. It addresses end-users, engineers, scientists, manufacturers, and investors. LOPEC 2026 will be held February 24-26, 2026.

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