

2017 manus: International award for plain bearing applications goes into the 8th round

The application phase for the competition for exciting polymer plain bearing solutions will be made official at the Motek in Stuttgart.

Once again, the opportunity to apply for the international manus award will now be open for companies and individual developers. Whether serial applications for the industry or individual parts – anyone can apply with a polymer plain bearing application. The winners will be awarded at the 2017 Hannover Messe, and the prize money is up to 5,000 euros.

Whether in water, on land or in the air, there is hardly an area where polymer plain bearings do not display their characteristic advantages. They save weight in the solar aircraft, they protect against corrosion in the wave power plant, they ensure a smooth drive on the road and are more economical and more durable than comparable metallic solutions. The prestigious manus award will now be held for the eighth time to show the tremendous potential of plastic bearings technology. The joint initiative of igus, the Institute for Composite Materials, the Industrieanzeiger and the Technical University of Cologne honours plastic plain bearing applications that are characterised by technical prowess and economic efficiency as well as the creativity of the developer. "The term 'manus' (lat. hand) symbolises the drive in the bearing technology to go new ways," says Gerhard Baus, authorised agent for plain bearings at igus GmbH. This was performed by 467 contestants from 34 countries at the last 2015 manus award. They showed the whole exciting range of application potentials of plastic plain bearings, from the prototype to the serial application: spherical bearings in a steeringless bicycle from Italy, linear bearings in a French machine for cake decoration or plain bearings in a Canadian aquarium cleaning robot. In the end, an innovative system for ear surgery from the Leibniz University of Hanover won the golden manus, which is used to treat inner ear deafness and severe hearing loss.

The awards ceremony at the 2017 Hannover Messe

The independent jury will select the award winners in February 2017. Participants can apply online until then with a short textual description as well as pictures and videos of their application. The prerequisite is that at least one built prototype of the presented application exists. The awards ceremony of the manus award will take place at the 2017 Hannover Messe at the igus stand. The winners of the competition will receive prize money of up to 5,000 euros. This page www.manus-award.com contains all information, participant applications of the past years as well as the link to the online registration.

Captions:



Picture PM5416-1

The world's top award for plain bearing applications, the manus award, goes into the eighth round. Developers have till the end of February to submit a wide variety of plain bearing applications. The prizes will be awarded before a large audience at the 2017 Hannover Messe. (Source: igus GmbH)

PRESS CONTACT:

Oliver Cyrus
Head of Media and Advertising

igus® GmbH
Spicher Strasse 1a
51147 Cologne
Tel. 0 22 03 / 96 49-459
Fax +49 22 03 / 96 49-631
ocyrus@igus.de
www.igus.de/de/presse

ABOUT IGUS:

igus GmbH is a globally leading manufacturer of energy chain systems and polymer plain bearings. The Cologne-based family business has offices in 35 countries and employs around 2,950 people around the world. In 2015, igus generated a turnover of 552 million euros with motion plastics, plastic components for moving applications. igus operates the largest test laboratories and factories in its sector to offer customers quick turnaround times on innovative products and solutions tailored to their needs.

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