

Looking for spectacular solutions in plastic plain bearing applications

The manus award goes into the ninth anniversary – Apply now!

What do an exoskeleton, an electric manipulator arm and a research project on space junk have in common? Plastic plain bearings are used in all three applications and all were chosen as winning applications at the last manus award, which motion plastics specialist igus promotes every two years. Now the starting signal has been given for the application phase for the next edition. The winners will receive prize money of up to 5,000 euros.

The jury's biggest challenge at the last edition of the manus award two years ago was selecting three winners out of 541 entries from 35 countries. In addition to the three winners – an exoskeleton to facilitate assembly work, a manipulator arm that can be used underwater up to a depth of 500 metres and an ejection mechanism for a research object in space – there were many other exciting applications with plastic plain bearings. From 3D printers and sports equipment up to art sculptures. "This selection of different applications alone illustrates the versatile application potentials of plastic plain bearings," explains Tobias Vogel, Vice President and head of iglidur plain bearings & drylin linear technology, igus GmbH. He succeeds Gerhard Baus as a new member of the jury. Mr. Baus was involved in the last eight editions of the competition as the co-founder since its inception in 2003. Now the application phase for the 2019 manus has begun.

The manus award comes with prizes of up to 5,000 euros. Users must submit their entries no later than February 22, 2019 and present the design with a brief write-up as well as photos and videos to the jury. It does not matter whether it is series applications for the industry or just a single piece – the only condition is that there must be at least one built prototype of the presented application available. The winners will be selected by an expert jury composed of members from the fields of science, research and specialist media and will be awarded at the 2019 Hannover Messe.

More information at www.manus-award.com. In addition to the conditions of participation, there is also an overview of the previous winners as well as more than a thousand applications of participants in recent years, which illustrate the variety of interesting and inventive applications.

Caption:



Picture PM6618-1

The manus award goes into the ninth round in 2019. For the first time as a jury member: Tobias Vogel (right), who succeeds Gerhard Baus (left). (Source: igus GmbH)

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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 3.800 people around the world. In 2017, igus generated a turnover of 690 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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