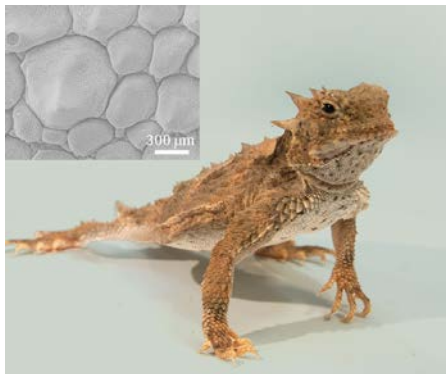




Press release

Wanted: Innovation in biomimetics

International Call for Submission for the International Bionic Award 2018
until 28 February 2018



Call for Submission for the International Bionic Award 2018 (Image: RWTH Aachen University/Germany, JKU Linz/Austria / Fraunhofer IPT/Germany)

(Düsseldorf, 18.10.2017) In 2018, it is time again: Every other year the Association of German Engineers (VDI) and the Schauenburg Foundation together present the International Bionic Award for outstanding scientific achievement in the field of product development in biomimetics. The Award is endowed with 10,000 EUR and addresses young scientists in the whole world. Submission deadline for papers in English language is February 28, 2018.

The International Bionic Award honors an excellent work, for example a biomimetic/bionic product development, a bachelor thesis or a dissertation / habilitation that has been completed within the last two years before the submission deadline. Both individuals and teams can participate. An international jury of top-ranking scientists in biomimetics will determine the International Bionic Award Winner or Winners.

The winners of the International Bionic Award 2016 are Dr. Philipp Comanns, RWTH Aachen/Germany, Kai Winands und Mario Pothen, Fraunhofer-Institute for Production Technology IPT Aachen/Germany, as well as Gerda Buchberger, Johannes Kepler University Linz/Austria for their excellent scientific work. Inspired by the Texas horned lizard's skin, innovative capillary surface structures enable (uni)directional liquid transport for applications ranging from lubrication to lab-on-a-chip.

Biomimetics is an interdisciplinary scientific discipline in natural and engineering sciences. It belongs to the most important future technologies. Developments in biomimetics often provide innovative and novel solutions for technical problems inspired by nature.

In 2008, the Bionic Award was launched by the Schauenburg Foundation and the VDI, and was established to encourage start-ups and to open new vistas for young scientists in developing innovative products in biomimetics. This is proved impressively by the success of the past years awardees.

Further information on the award and the conditions of participation can be found at www.vdi.de/bionic2018 or be obtained from the VDI Society Technologies of Life Sciences (VDI-TLS), POB 10 11 39, 40002 Düsseldorf/Germany, e-mail: bionik@vdi.de.

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The VDI – Spokespersons, designers, networkers

Engineers need a strong association that supports, promotes and represents them in their work. This task is performed by the VDI Association of German Engineers. For over 150 years it has steadfastly backed engineers. More than 12,000 honorary experts process the latest findings every year to promote our technology location. That's convincing: with over 155,000 members, the VDI is by far the largest engineering association in Germany. As the third largest standards organization we are also partner for the German business community and scientific organizations.

About the Schauenburg Foundation

The international Bionic Award has been endowed by the Schauenburg-Foundation since 2008. The Schauenburg-Foundation was established in 1986 by Hans-Georg Schauenburg, founder of the Schauenburg Group who has been in business in the Rhein-Ruhr area for over 60 years. The focus of the Schauenburg-Foundation, which is administered by the independent Stifterverband (Stifterverband is the business

community's innovation agency for the German science system), reflects the close connection of the International Schauenburg Group to its roots and with scientific and technical innovation. The foundation mainly endorses academic projects in the area of engineering, economics and social sciences, as well as supporting young people in their vocational training.

Note to the editor:

You will also find this press release on the internet at www.vdi.de/presse

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