



INTERNATIONAL BIONIC AWARD 2018

International Bionic Award 2018

Biomimetics often generate ideas and serve as a stimulus for innovation with sustainable benefits for technology, economy and society. The award is endowed to support research and development oriented towards practical application and innovation by young scientists in the field of biomimetics.

The International Bionic Award will be presented for the sixth time in 2018. The award ceremony will take place at a major congress in 2018 with a focus on biomimetics. Relevant information will be communicated in advance and will be available on the website of the International Bionic Award (www.vdi.de/bionic2018). The award winning contribution will also be presented during this congress.



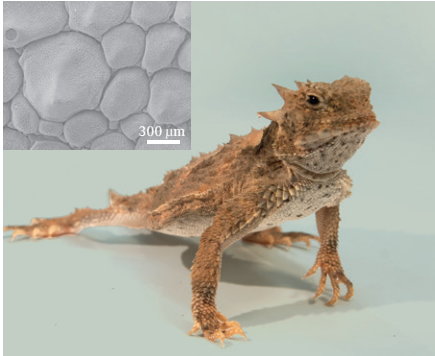
BIONIC AWARD

Endowment

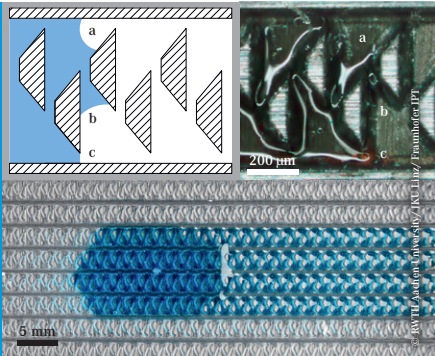
The International Bionic Award is endowed with 10.000 EUR by the Schauenburg-Foundation and will be awarded by VDI (Association of German Engineers).

Conditions for participation

- The prize will be awarded for outstanding contribution by a team of young scientists and researchers or a single young scientist/researcher, for example for the development of a biomimetic product or for a bachelor/master/doctoral/post doctoral thesis.
- International submissions of detailed applications on the subject of biomimetics will be accepted. Copies of already published papers or reviews are not sufficient.
- The work has to be completed within the last two years before the deadline for submission of papers.
- Only direct applications, made by a person or a team, will be accepted; those made by a third party are excluded.
- Each person may only submit one application as author or co-author. Multiple applications will not be accepted.
- The applicant or team members may not be older than 40 years. Applications of undergraduate studies are welcome.
- Legal recourse is excluded.



WINNER OF THE INTERNATIONAL BIONIC AWARD 2016
 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.





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What to submit

- Abstract (max. 1 page DIN-A4)
- Detailed applications consisting of presentation of work, bachelor/master/doctoral/post doctoral thesis
- Ideas for the implementation and industrial application as well as market potential

These documents shall not exceed 20 DIN-A4 pages. Additionally, the following proofs are necessary. All documents must be submitted in English:

- Declaration of each team member in order to specify the individual contribution to the project, in case of team applications
- CV/CVs of the author/group of authors including date of birth

Please email these documents in the above order as one single PDF-file to: bionik@vdi.de

Subject line: International Bionic Award

Deadline: February 28, 2018

Jury

- **Prof. Dr. Jérôme Casas** | Université François-Rabelais Tours
- **Dr. Rainer Erb** | BIONIKON e.V.
- **Markus Fischer** | Ingenieurbüro Markus Fischer
- **Prof. Dr. Robert J. Full** | University of California, Berkeley
- **Prof. Dr. Michael Herdy** | INPRO GmbH
- **Prof. George Jeronimidis** | University of Reading
- **Prof. Dr. Antonia Kesel** | Bionik-Innovations-Centrum Bremen
- **Marc Georg Schauenburg** | Schauenburg-Stiftung
- **Prof. Dr. Thomas Speck** | Universität Freiburg
- **Dr. Stéphane Viollet** | Aix Marseille University
- **Dr. Ludwig Vollrath** | FISITA, London
- **Dr. Ljuba Woppowa** | Verein Deutscher Ingenieure e.V.
- **Prof. Dr. Zhengzhong Shao** | Fudan University

Donator of the Award



The 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, which 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.