

UMSICHT Science Award

to promote industry-oriented environmental,
process, and energy technology

CATEGORIES SCIENCE AND JOURNALISM



APPLICATION DEADLINE EXTENDED: MARCH 31, 2018



Verein zur Förderung
der Umwelt-, Sicherheits- und Energietechnik e.V.

"Climate protection will be the technological and societal revolution of this century!" This statement of Barbara Hendricks, Federal Minister for Environment, Nature Conservation and Nuclear Safety, implies two aspects depending on each other: technology and society. On the one hand, technological progress and, thus, scientific work cannot be realized without confidence of society. On the other hand, our life is highly influenced by technological achievements. Therefore, an open exchange is of great importance.

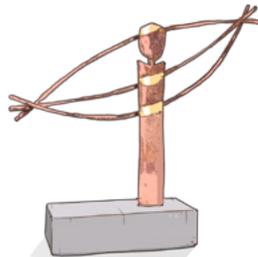
The UMSICHT Science Award of the UMSICHT Friends and Patrons Group supports this exchange, in 2018, for the ninth time. The prize is awarded to people who did an excellent performance in providing scientific results to society on current topics in the fields of environmental, process and energy technology – the core topics of Fraunhofer UMSICHT.

ENDOWMENT

The endowed prize money is divided into an 8,000 EUR prize in the science category and an 2,000 EUR prize for journalistic works.

PARTICIPATION REQUIREMENTS

All and any released works dedicated to the topics of environment protection, safety in process engineering, or energy are admissible. They should not be older than two years at the closing date and can be submitted in German or English.



Sculpture exclusively designed by Hans-Dieter Godolt for the UMSICHT Science Award.

AWARD CRITERIA

An accurate and linguistic correctness as well as a perfect presentation are taken for granted in both categories. The statement given in "This is the reason why I am engaged in research" is an individual selection criterion for two equivalent works.

Single or joint works can be evaluated (if more persons are involved please indicate a joint contact). Mere concepts, photo works or books cannot be evaluated in both categories.

SCIENCE CATEGORY

Both the subject-specific level of the work and the sustainable benefit for environment and society are especially important for the evaluation. The innovation grade and the market and application orientation are emphasized as well as a comprehensible and convincing presentation. In addition to dissertations, we also welcome final reports, studies and white papers.

JOURNALISM CATEGORY

In the journalistic field the medial form is open. Print, online, audio, video – everything is possible. The vivid and comprehensible explanation of a topic relevant to society and science, and the originality of the author's opinion are decisive criteria for admission to the selection process.



Dr. Michael Saliba

SCIENCE CATEGORY

Dr. Michael Saliba developed the cost-efficient solar cells material perovskite and combines it with the established silicon solar cells. Perovskite converts the blue end particularly well, silicon the red part of the sunlight. This tandem can efficiently convert the solar spectrum to energy and has the potential to revolutionize the photovoltaic technology of the future.



Klaus Uhrig (l.) and Dr. Till Krause

JOURNALISM CATEGORY

The documentary "Superplants – Die blühende Revolution" (Superplants – the blooming revolution) of the team of Dr. Krause/Uhrig explores the phenomenon of phytomining. They report about plants that can absorb heavy metals from earth and about a worldwide race for the most spectacular application opportunities.



Winners, management board and supporters of the UMSICHT Science Award 2017.

PATRONAGE

UMSICHT SCIENCE AWARD



Prof. Dr. med.
Dietrich Grönemeyer

"Just as in medicine, my point is to help make even complicated issues in science and technology easily understandable for a general public. It is a significant building block in helping to inspire the younger generation for science. That is why I very much appreciate that medial quality and general intelligibility associated with it are also applicable assessment criteria in the presentation of research."

UMSICHT FRIENDS AND PATRONS GROUP

The Association for the promotion of environmental, safety and energy technologies (UMSICHT Friends and Patrons Group) is an important component of an animated and highly productive field of the Fraunhofer Institute UMSICHT.

The members of the Group support the institute in the realization of research and development ideas. Moreover, the Group participates in organizing congresses and seminars, supports young and guest researchers and announces the UMSICHT Science Award.

www.umsicht-foerderverein.de

Partner



APPLICATION DOCUMENTS

For application forms as well as an option to upload your documents, see:

s.fhg.de/science-award-2018

Please submit all your documents as pdf files. Please provide audio-visual media in a copyable, common format.

Complete application documents include:

- Application form included CV (filled in and signed)
- Science publication or journalistic publication
- A summary, if the publication comprises more than 10 pages (max. 3 DIN A4-pages)
- Motivation letter with the title "This is the reason why I am engaged in research" (max. one DIN A4-sized page)

JURY

The jury comprises selected scientists, entrepreneurs, self-employed persons, journalists and PR specialists.

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ADMINISTRATION OFFICE

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