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Innovation awards of KIT given to winners

On December 2nd, 2020 the winners of this year's NEULAND Innovation Contest were honored by Vice President Prof. Dr. Thomas Hirth.

The award ceremony usually takes place in front of an audience during NEULAND Innovation Day, which had to be cancelled in summer 2020 due to the corona pandemic. Professor Dr. Thomas Hirth, Vice President for Innovation and International Affairs and Dr. Jens Fahrenberg, Head of Innovation and Relations Management, have now presented the certificates and awards to the nominees under exclusion of the public.

The team [technology transfer of KIT \(http://www.irm.kit.edu/english/TechnologyTransfer.php\)](http://www.irm.kit.edu/english/TechnologyTransfer.php) congratulates the winners of the two categories idea award and transfer award. In a selection process led by company representatives, the three winners prevailed against 29 and 5 competitors.



First place in the category transfer award of the NEULAND Innovation Contest 2020 goes to Dr. Guido Link (2nd from left), Dr. Nanya Li (4th from left) and Prof. Dr.-Ing. John Jelonnek (2nd from right) with their idea "SERPENS" (Image: Markus Breig / KIT)

Most innovative ideas of KIT in 2020: The award winners

1. Prize: „SERPENS“ (Super Efficient and Rapid Printing by Electromagnetic-heating Necessitated System). (<https://www.kit-technology.de/en/blog/interview-2-nominees-of-the-neuland-innovation-contest>).

Team: Dr. Nanya Li, Dr. rer. nat. Guido Link and Prof. Dr.-Ing. John Jelonnek from the Institute for High Power Pulse and Microwave Technology (IHM)

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Clear the stage for KIT's first digital innovation day

March 03, 2021 [\(/en/blog/clear-the-stage-for-kits-first-digital-innovation-day\)](#)

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This prize is sponsored by [Zeiss](https://www.zeiss.com/corporate/int/about-zeiss/zeiss-in-germany/zeiss-innovation-hub-kit.html) (<https://www.zeiss.com/corporate/int/about-zeiss/zeiss-in-germany/zeiss-innovation-hub-kit.html>). Max Riedel of Zeiss Innovation Hub @ KIT congratulates: "Congratulations from the ZEISS Innovation Hub @ KIT on these great ideas and their implementation. Further proof that the KIT is an excellent partner for transforming today's research into tomorrow's applications together."

2. Prize: „STOKES2: Freely programmable Lab-on-a-Chip“ (<https://www.kit-technology.de/en/blog/interview-nominees-of-the-neuland-innovation-contest>)

Team: M.Sc. Philipp Marthaler and Prof. Dr.-Ing. Andreas Class from the Institute for Thermal Energy Engineering (ITES)

ABB (<https://global.abb/group/en>), has sponsored this prize. Dr. Andreas Burger of ABB asserts: "We are pleased to award the 2nd prize to STOKES2. Particularly in today's world, it is clear how necessary it is to have fast, modularly adaptable test environments such as STOKES2, which can be used in medical technology or vaccine testing, among other applications. Congratulations!"

3. Prize: „Detection of neurotransmitters in biologically relevant media using fluorescent zeolite-based receptors“ (<https://www.kit-technology.de/en/blog/interview-3-nominees-of-the-neuland-innovation-contest>)

Dr. Frank Biedermann, Dr. Stephan Sinn and Laura Grimm from the Institute of Nanotechnology (INT)

This prize is sponsored by [Voith GmbH & Co. KGaA](http://voith.com/corp-de/index.html) (<http://voith.com/corp-de/index.html>). Enrique Luque Aleman of Voith congratulates: "Voith is proud to support this award-worthy innovation with our contribution, which will hopefully make medicine safer and better tailored to the individual. We wish the team every success in its implementation and all the best for the future."

Professions in technology transfer: Innovation Manager

March 02, 2021

(</en/blog/professions-in-technology-transfer-innovation-manager>)

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New Workbook: Integrating Alumni into Knowledge and Technology...

February 22, 2021 (</en/blog/new-workbook-integrating-alumni-into-knowledge-and-technology-transfer>)

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Dr. Michael Heidinger (2nd from right) prevails over his competitors in the category transfer award of NEULAND Innovation Contest 2020 with his idea "Homogeneous paint curing by means of UV LED Array" and wins first place (Image: Markus Breig / KIT)

Most promising transfer projects of KIT in 2020: The award winners

1. Prize "Homogeneous paint curing by means of UV LED Array"

Team: Dr. Michael Heidinger, Dr.-Ing. Rainer Kling and Prof. Dr. rer. nat. Uli Lemmer from the Institute of Light Technology (LTI) in cooperation with [mpg-lightsystems](http://www.mpg-lightsystems.com) (<http://www.mpg-lightsystems.com>).

This prize was sponsored by [Robert Bosch GmbH](https://www.bosch.de) (<https://www.bosch.de>). Rudolf Maier of Robert Bosch pronounces: "Congratulations to the winners of the transfer prize, an outstanding example of KIT's innovative strength and transfer performance."

2. Prize "Pyrolysis process and plant engineering for the raw material recycling of mixed plastic waste"

Team: Dipl.-Ing. Hans Leibold and Prof. Dr.-Ing. Dieter Stapp from the Institute of Technical Chemistry (ITC) in cooperation with [ARCUS Greencycling Technologies GmbH \(https://www.arcus-greencycling.com/\)](https://www.arcus-greencycling.com/). [PRINT](#) | [LOGIN \(/EN/ALERT/LOGIN\)](#) ★ [WATCH LIST\(0\)](#)

The [BW Bank \(https://www.bw-bank.de/de/home.html?n=true&stref=logo\)](https://www.bw-bank.de/de/home.html?n=true&stref=logo) has sponsored this prize. Axel Weisheit of BW Bank affirms: "Sustainability is an important guiding principle in society, research and business and has been a key strategic thrust of BW Bank for many years. Therefore, we are pleased to support an innovation at KIT with the transfer award for 'Raw Material Recycling of Mixed Plastic Waste', which will sustainably solve a major everyday problem of our society."

3. Prize "Multisensory person localization inside and outside of buildings"

Team: Dr.-Ing. Nikolai Kronenwett, Prof. Dr.-Ing. Gert F. Trommer and Prof. Dr.-Ing. Sören Hohmann from the Institute for Control Systems (IRS) in cooperation with [iMAR Navigation GmbH \(https://imar-navigation.de/de/\)](https://imar-navigation.de/de/).

This prize is sponsored by [ABB \(https://global.abb/group/en\)](https://global.abb/group/en). Dr. Andreas Burger of ABB acknowledges: "Personnel localization is not only a necessary system in an emergency or for rescue services, but also in industrial environments, such as mines or large industrial plants. Here the multi-sensorial person localization offers an optimal and cost-effective solution. Congratulations on the 3rd place!"

Thanks to the sponsors and jury

The winners of the contest could not only enjoy awards and certificates, but also cash prizes provided by the sponsors. Afterwards, the winners of the innovation contest will intensively be supported by the [innovation managers of KIT](#)



The awards of the Innovation Contest 2020 for the first two places (Image: Markus Breig / KIT)

(<https://www.irm.kit.edu/english/TechnologyScreening.php>), in order to develop the outstanding ideas into strong innovations.

Due to the restrictions caused by the pandemic, the high-ranking sponsors and jury members from industry and research could unfortunately not attend the award ceremony in person. We would like to take this opportunity to thank you for your support. We sincerely hope that we will be able to celebrate the next award ceremony on a larger scale again in a personal meeting with all those involved in the NEULAND Innovation Contest.

Die Sponsoren des Innovationswettbewerbs ▼

Sponsors of the NEULAND idea and transfer awards

1. Prize Idea Award: [Zeiss \(https://www.zeiss.com/corporate/int/about-zeiss/zeiss-in-germany/zeiss-innovation-hub-kit.html\)](https://www.zeiss.com/corporate/int/about-zeiss/zeiss-in-germany/zeiss-innovation-hub-kit.html).

2. Prize Idea Award: [ABB \(https://new.abb.com/de\)](https://new.abb.com/de).

3. Prize Idea Award: [Voith GmbH \(http://voith.com/corp-de/index.html\)](http://voith.com/corp-de/index.html).

1. Prize Transfer Award: [Robert Bosch GmbH \(https://www.bosch.de\)](https://www.bosch.de).

2. Prize Transfer Award: [BW Bank \(https://www.bw-bank.de/de/home.html?n=true&stref=logo\)](https://www.bw-bank.de/de/home.html?n=true&stref=logo).

3. Prize Transfer Award: [ABB \(https://new.abb.com/de\)](https://new.abb.com/de).

Die Jury des Innovationswettbewerbs ▼

Jury members of the NEULAND innovation contest

Ulrich Begemann, [Voith GmbH \(http://voith.com/corp-de/index.html\)](http://voith.com/corp-de/index.html).

Hansjürgen Hörter, [Pilz GmbH & Co. KG \(https://www.pilz.com/de-DE\)](https://www.pilz.com/de-DE)

Dr. Rudolf Maier, [Bosch Management Support GmbH \(http://www.bosch-management-support.com/de/bms/home/home_1.html\)](http://www.bosch-management-support.com/de/bms/home/home_1.html).

Dr.-Ing. Rudolf Simon, [M+W Group GmbH \(https://www.mwgroup.net/en\)](https://www.mwgroup.net/en)

Axel Weisheit, [BW-Bank Baden-Württembergische Bank \(https://www.bw-bank.de/de/home.html?n=true&stref=logo\)](https://www.bw-bank.de/de/home.html?n=true&stref=logo).

Dr. Andreas Burger, [ABB AG \(https://new.abb.com/de\)](https://new.abb.com/de)

The application round for the [2021 NEULAND Innovation Contest \(http://kit-neuland.de/de/wettbewerbe/innovationswettbewerb/#site-contents-147\)](http://kit-neuland.de/de/wettbewerbe/innovationswettbewerb/#site-contents-147) will start shortly.

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Innovation
Contest

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