

We make polymers fit for future!

Dear Ladies and Gentlemen

the exponential spread of the coronavirus has a great impact on all our lives.

Thanks to extensive immediate measures taken at the beginning of the pandemic, we were able to successfully protect the health of our employees and visitors and are still able to continue all projects as planned.

Our entire team is highly motivated and acts with remarkable flexibility to the current situation. We would like to encourage you to look ahead together with us, discuss current or future project ideas with us and lay the foundation for innovative solutions and new products.

In this spirit, I wish you the best of health and look forward to your ideas.

Yours faithfully



Prof. Dr. Alexander Böker
Director Fraunhofer Institute for Applied Polymer Research IAP

NEWS FROM RESEARCH AND DEVELOPMENT

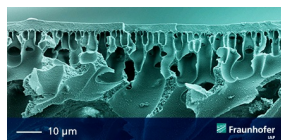
Artificial pericardial tissue from the 3D printer



Heart research: In the PolyKARD project we are developing biomimetic polymers for artificial heart valves and pericardium. The clou: they are to be produced individually with 3D printers.

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Polymer membranes facilitate the exchange of oxygen in the body



New membranes facilitate the exchange of oxygen in the blood: thanks to an innovative membrane structure, the blood is enriched more quickly with oxygen and enriched with carbon dioxide. This makes long-term ventilation gentler.

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Fraunhofer IAP and KETI strengthen cooperation on high-performance polymer materials



We are expanding our cooperation with the Korea Electronics Technology Institute (KETI). Following the successful development of new displays, we now also want to research new fiber and processing technologies.

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ON OUR OWN ACCOUNT

Current job advertisements at the Fraunhofer IAP



The Fraunhofer IAP offers diverse career opportunities for experts from a wide range of training and study areas.

[MORE INFO](#)

Operating rest

Our employees are doing a very good job in the current situation despite some difficult circumstances. For regeneration purposes, we are therefore conceding a period of shutdown between 8.4.2020 and 15.4.2020.

W make polymers fit for future!

At the Fraunhofer IAP we develop bio-based and synthetic polymers that are efficient, intelligent and sustainable - from the laboratory to industrial scale.

The applications are manifold: bio-based packaging, materials for lightweight construction, phosphors for displays, truck tires with less abrasion, biodegradable bone splints, antimicrobial contact lenses and much more.

[TO THE HOMEPAGE](#)

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Fraunhofer Institute for Applied Polymer
Research IAP

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