Fraunhofer IAP

WE MAKE MATERIALS FIT FOR FUTURE!

Fraunhofer Institute for
Applied Polymer Research IAP

Potsdam Science Park

Contact | Website | View Online

Fraunhofer IAP - News

We make materials fit for future!

Dear Ladies and Gentlemen,

The research location Potsdam-Golm combines innovative ideas and their implementation in a special way. Federal Minister Olaf Scholz and Minister for Science, Research and Culture of the State of Brandenburg Dr. Manja Schüle could see this for themselves during their visit to the Potsdam Science Park on March 18, 2021. We presented information about our activities in two of our subject areas "Health and Quality of Life" as well as "Energy Transition and Mobility". In particular, our research on the containment of the Corona pandemic, e.g. the development of new filter materials, highly sensitive rapid tests or new inhalation agents, generated considerable interest. Continuous support from the federal and state governments is an important element to ensure the transfer of basic research results into applications. We thank Mr. Scholz and Mrs. Schüle for this support and their visit.

And now a point on the future development of the Fraunhofer IAP: We have been known worldwide for excellent polymer research for decades. Beyond pure polymer materials, we have also been offering system solutions for a variety of application areas for a long time. In order to do justice to this in our external presentation as well, we summarized our range of activities by applications at the beginning of 2021. From now on, you will find technology and product developments on the following subject areas on our homepage:

- Bioeconomy and Sustainability
- Energy Transition and Mobility
- Health and Quality of Life
- Industry and Technology

We make materials fit for the future! Please feel free to visit us!

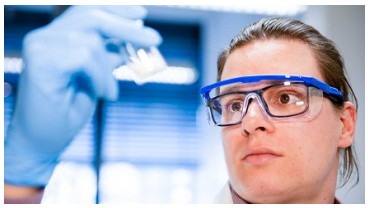
Yours sincerely,

Prof. Alexander Böker

NEWS FROM RESEARCH AND DEVELOPMENT

Health and Quality of Life

New antimicrobial polymers as alternatives to antibiotics



Together with the new Emmy Noether Group "Next Generation Antimicrobial Polymers" at the University of Potsdam, we are developing antimicrobial polymers as novel agents to effectively counter bacterial infections. In particular, we contribute our expertise in the development of biofunctionalized materials and in testing with pathogens.

MORE INFORMATION

Bioeconomy and Sustainability

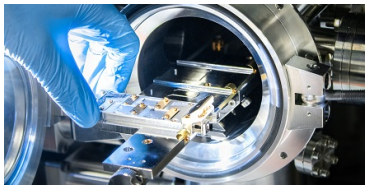
How Do We Want to Run Our Economy and Production?

A subject of particular importance at the Fraunhofer IAP "Bioeconomy and Sustainability" received further impetus with the launch of the joint project "EVOBIO" as part of the Fraunhofer Strategic Research Field Bioeconomy. Together with 19 other Fraunhofer institutes, new process concepts are being developed with which material flows in bioeconomic process cycles can be used to produce optimized materials for innovative products.

MORE INFORMATION

Industry and Technology

Surface analysis at the highest level



As a reliable and innovative partner for industry and other research institutions, we are continuously expanding our competencies at the institute. To this end, a new X-ray photoelectron spectrometer was recently put into operation, which enables the characterization of surfaces with extraordinarily high accuracy. Due to the extensive expertise in the modification and analysis of surfaces at Fraunhofer IAP, we are in the unique position to offer our customers and partners a one-stop solution package for the development but also the troubleshooting of processes.

MORE INFORMATION

Dates

online | March 23, 2021 - March 25, 2021

LOPEC 2021 | International trade fair for printed electronics

Our highlights at LOPEC 2021: innovations in organic photovoltaics (OPV), liquid-processed OLEDs, quantum dots (QDs), and electrostatic (ESJET) or electrohydrodynamic jetting (EHDJET) for customer-specific applications.
We are looking forward to your visit!

MORE INFO

online | March 24, 2021 - March 25, 2021

CLICK-WATCH-TALK 2.0

Targi w Krakowie Ltd. together with the Polish Cluster of Composite Technologies and the Warsaw University of Technology, under the patronage of the Committee for Materials Science and Metallurgy of the Polish Academy of Sciences, Section of Nonmetallic Materials created a unique online event CLICK-WATCH-TALK 2.0, that connects the world of business and science.

MORE INFO

June 16, 2021

Fraunhofer CCPE compact: Chemical Recycling – Most wanted for a Circular Economy?

At the second Fraunhofer CCPE compact on June 16, 2021, this time everything revolves around the topic of chemical recycling. CCPE scientists will answer the question of how highly contaminated and problematic plastic waste can be recycled.

MORE INFO

ON OUR OWN ACCOUNT

Interview

Creating alternatives to petroleum: Interview with Prof. Dr. Alexander Böker

Interview

Displays made by printing: Interview with Dr. Christine Boeffel

"A brief portrait of an institute director whose scientists conduct research on materials for a more sustainable world."

TO THE INTERVIEW

"About half of the displays used in smartphones today use OLEDs. At the Fraunhofer IAP, Dr. Christine Boeffel is working on further improving the printing processes for these fascinating light-emitting diodes."

TO THE INTERVIEW

We make materials fit for future!

Creative solutions are key to mastering the challenges of the present and the future - whether climate change, pandemics, energy transition, structural changes or new mobility concepts.
At Fraunhofer IAP, we are tackling this task with innovative materials, processes and technologies.
We address the entire value chain - from the idea to the customized prototype.

Our subject areas:

- Bioeconomy and Sustainability
- Energy Transition and Mobility
- Health and Quality of Life
- Industry and Technology

TO THE HOMEPAGE

Contact

Dr. Sandra Mehlhase
Press and public relations

Telephone +49 331 568-1151

Fraunhofer IAP
Geiselbergstraße 69
14476 Potsdam-Golm

→ Send e-mail

Fraunhofer is Europe’s largest application-oriented research organization. Our research efforts are geared entirely to people’s needs: health, security, communication, energy and the environment. As a result, the work undertaken by our researchers and developers has a significant impact on people’s lives. We are creative. We shape technology. We design products. We improve methods and techniques. We open up new vistas. In short, we forge the future.

Fraunhofer Institute for Applied Polymer Research IAP

is a constituent entity of the Fraunhofer-Gesellschaft, and as such has no separate legal status.

Fraunhofer-Gesellschaft
zur Förderung der angewandten Forschung e.V.
Hansastraße 27 c
80686 München
Internet: www.fraunhofer.de
E-Mail: info(at)zv.fraunhofer.de

VAT Identification Number in accordance with §27 a VAT Tax Act: DE 129515865

Court of jurisdiction
Amtsgericht München (district court)
Registered nonprofit association
Registration no. VR 4461