

We make materials fit for the future!

Dear reader,

The global Corona pandemic is still keeping us on our toes. The global cooperation of politics, companies, research institutions and society has brought us all a big step forward - but there is still a lot to do. Specifically, our scientists are currently contributing their expertise to various projects dedicated to the prevention, treatment and detection of COVID-19 infections. Our developments open up possibilities to prevent the transmission of the virus as well as to promote targeted medication.

We report further good news from our other areas of expertise: With sustainable solutions for the energy transition, more efficient production technologies and new bioeconomic approaches, the Fraunhofer IAP supports societies and companies around the world to meet the challenges of the present and the future.

Read more about these and other current topics from the Fraunhofer IAP!

Yours sincerely,

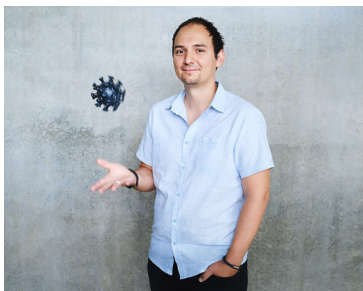


Prof. Alexander Böker

NEWS FROM RESEARCH AND DEVELOPMENT

Health and Quality of Life

[Interview with Dr. Ruben R. Rosencrantz about current corona research at the Fraunhofer IAP.](#)



"If everything goes well, a drug against COVID-19 could be on the market in a few years based on our research." In an interview with Potsdam Science Park, our head of the department "Biofunctionalized Materials and (Glyco)Biotechnology" Dr. Ruben R. Rosencrantz presents four initiatives in the fight against COVID-19 that are being researched at the Fraunhofer IAP.

[TO THE INTERVIEW](#)

Project "Next Generation Protective Textiles"



As part of the "Next Generation Protective Textiles" initiative, Fraunhofer IAP and its partners are pursuing new approaches for innovative protective textiles. In case of future pandemics, these can contribute to better preparedness and optimal protection of particularly exposed persons and the general population.

[TO THE PROJECT](#)

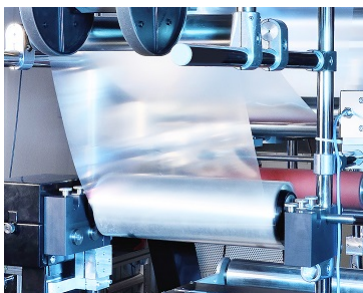
Original or fake? Counterfeit-proof and unique identification shows authenticity of products



Transparency in the supply chain: from the manufacturer to the customer. In the future, our counterfeit-proof SmartIDs will make it easy to check the authenticity of products - with smartphones and also offline. SmartID is to be embedded in existing track & trace infrastructures and printed on the products or their packaging using commercially available printing processes.

[MORE INFORMATION](#)

Workshop on efficient roll-to-roll production technologies

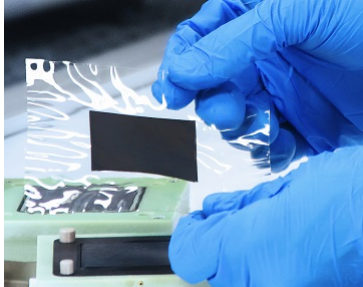


Highly efficient industrial processes are a central building block for reducing energy requirements and using resources efficiently. The R2R-Net network, in which the Fraunhofer IAP is actively involved, offers expertise in roll-to-roll plants and processes: from support during scale-up and production introduction to technical exchange. The workshop on 7/9/2021 was attended by nearly 100 participants from 24 countries.

[MORE INFORMATION](#)

New catalysts for fuel cells: efficient and with consistently high quality

Fuel cells generate electrical energy from hydrogen or methanol. Catalysts get the process going - but the quality of these materials can vary significantly. Our CAN research



division is eliminating these problems: A continuous manufacturing process results in a catalyst material with high and reproducible quality.

[MORE INFORMATION](#)

DATES

Online | November 23th, 2021, 9:00 am - 4:00 pm

Potsdam Science Park Conference 2021



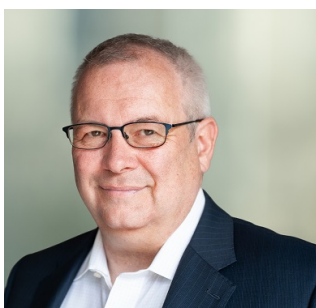
Research innovations, new products and patents from the Potsdam Science Park. Look forward to exciting panel discussions on innovation ecosystems, best practices from research and business, and pioneering startups from the capital region at the Pitch Award!

[MORE INFO AND REGISTRATION](#)

ON OUR OWN ACCOUNT

Change of management in the "Strategy and Marketing" department

After 10 years as head of the "Strategy and Marketing" department, we bid farewell to Prof. Dieter Hofmann on his retirement. He was instrumental in the successful development of the Fraunhofer IAP. At the same time, we welcome his successor, Dr. Jörg Rockenberger, who took over the management of the department in August this year.



Dr. Jörg Rockenberger

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New: Fraunhofer IAP image film



Fraunhofer IAP at a glance! 7 research divisions, 250 employees and one goal: We make materials fit for the future.

Discover more in the video!

[TO THE VIDEO](#)

We make materials fit for the future!

Creative solutions are the key to overcoming the challenges of the present and the future - whether they be climate change, pandemics, the energy transition, structural change or new mobility concepts.

Fraunhofer IAP tackles these challenges through innovative materials, processes and technologies, targeting 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](#)

Potsdam Science Park

Fraunhofer IAP is part of the largest science location in the state of Brandenburg: the Potsdam Science Park. Just 30 minutes from the center of Berlin, more than 12,500 people research, work and study in the fields of biotechnology, medical technology, optics, geosciences, astrophysics and gravitational physics. On an area of more than 50 hectares, the innovation- and founder-friendly park continues to offer office and laboratory space for startups and ready-to-build plots for small and medium-sized companies. We live science!

[TO THE HOMEPAGE OF THE POTSDAM SCIENCE PARK](#)

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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
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