



Fraunhofer

FEP

**FRAUNHOFER INSTITUTE FOR ORGANIC ELECTRONICS,
ELECTRON BEAM AND PLASMA TECHNOLOGY FEP**

5TH INDUSTRY PARTNERS DAY

Clean Surfaces

SEPTEMBER 27, 2017 | FRAUNHOFER FEP





WELCOME

The Fraunhofer FEP is one of the leading institutions for collaborative R&D in flexible and organic electronics and electron-beam applications. The developed technologies are being effectively and successfully employed in the cleaning of surfaces e.g. for the fight against germs in medical applications, in agriculture and production as well as packaging branch.

With focus on the topic »**clean surfaces**« we invite all partners and customers to participate in our **5th Industry Partners Day** on **September 27th, 2017 in Dresden**/Germany. The event will give you the opportunity to inform yourself about latest research results and trends in the field of clean surfaces related to electron beam and plasma technology and organic electronics for a wide field of applications. We will give you an insight to these topics with an interesting range of presentations. Furthermore you will have the chance to gain an exclusive insight into current research activities of Fraunhofer FEP and to have a look at our latest demonstrators and exhibits by participating in a lab tour to our REAMODE laboratory unit, Roll-to-Roll inspection system and biomedical laboratory. Next to this an accompanying exhibition with selected booths will take place.

The Industry Partners Day offers a platform for networking and lively exchange between entrepreneurs, researchers and interested people from all branches connected to clean surfaces.

A few time slots for short spotlight presentations are still available. Please do not hesitate to contact us for contributions and if you are interested in sponsoring the event!

We are looking forward to welcoming you!



TOPICS

The event lasts for one day, starting at **8.00 am** and ending at **5.00 pm**. The preliminary program includes four sessions and lab tours.

SESSION 1: CLEAN BY PLASMA

- Plasma cleaning for cultural heritage and medical technology
- Cultural heritage and medical technology

SESSION 2: CLEANNESS AND ANALYSIS

- Preparation and cleaning of flexible and rigid substrates for OLED production
- Roll-to-roll inspection system
- Cleaning requirements for barrier layer systems
- Cleanliness on a wet coating plant using the example of atmoFlex 1250 roll-to-roll pilot wet coating line of Fraunhofer FEP

SESSION 3: SURFACES IN HYGIENIC APPLICATIONS

- Antimicrobial surfaces
- Biocompatible surfaces by electron beam modification
- Sterilization by electron beam

SESSION 4: INDUSTRIAL CLEANING SOLUTIONS

- Industrial Cleaning - Sophisticated and Challenging
- Cleaning for the manufacturing of implants
- Process analytics for industrial cleaning procedures

LAB TOUR

- REAMODE – Laboratory unit for modifying organic materials using accelerated electrons
- Roll-to-roll inspection system
- Biomedical Laboratory

REGISTRATION / CONTRIBUTION

To register, please use the online registration form at

 www.fep.fraunhofer.de/ipd

For participation and registration to Industry Partners Day on September 27, 2017 we charge a participant fee of 85 €.

The number of participants is limited.

The latest program will always be available at

 www.fep.fraunhofer.de/ipd until September 27, 2017.

Next to this an accompanying exhibition with selected booths will take place. For companies a participation as a sponsor is possible. Please do not hesitate to contact us, if you are interested in sponsoring the event!

VENUE

Fraunhofer FEP

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