

CONFERENCE

Next Generation Barrier Technologies for Rigid Packaging

13 - 14 NOVEMBER 2024



Prepare to push forward your packaging strategies at the "Next Generation Barrier Technologies for Rigid Packaging" convention! Our agenda tackles pivotal themes crucial for decision-makers and technology scouts:

Adapting to Regulatory Shifts:

Stay ahead of legal changes impacting plastic packaging, understanding how evolving regulations on issues such as PFAS and recycling quotas and the appropriate employment of barrier technologies shape your operations.

Pushing Boundaries in Material Science:

Delve into the realm of modern rigid

packaging functionalities, uncovering the latest advancements in barrier technologies driving product protection and longevity.

Embracing Sustainable Solutions:

Explore innovative approaches to design for recycling, integrating sustainable barrier technologies to meet environmental objectives without sacrificing performance.

Mastering Quality Assurance:

Elevate your quality control methodologies through advanced characterization techniques, ensuring products meet stringent standards for safety and reliability.

KEY TOPICS:

- Developments in the legal framework conditions for rigid packaging
- Technical barrier specifications of modern rigid packaging
- Design for recycling: sustainable barrier technologies
- Barrier characterization methods for quality control

TICKETS:

Regular: 995 €
Members of the IKV Association of Sponsors 795 €



The packaging industry is navigating a landscape of changing regulations and rising costs that present significant challenges. Our upcoming conference will address these critical issues, focusing on recyclable barriers for rigid packaging. We will explore the latest developments in the legal framework conditions for rigid packaging, discuss the technical barrier specifications of modern rigid packaging, and examine strategies to equip recyclable packaging with efficient barriers. Additionally, we'll cover advanced barrier characterization methods for quality control. Attendees will include barrier coating companies, academic experts, and brand owners, providing diverse perspectives on the challenges and opportunities in the industry. Don't miss this opportunity to stay up to date with the latest developments and technologies, and to connect with industry leaders. By embracing these innovations, we can enhance our competitiveness, drive sustainability, and shape a brighter future for our industry.

Dr. Orkun Kaymakci,
Beiersdorf AG



Join us to connect with industry leaders, gain actionable insights, and position your business at the forefront of packaging barrier innovation!

Register now and lead the charge towards a more sustainable and efficient future!

Registration

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REGISTRATION



WEDNESDAY, 13. NOVEMBER 2024

12.15	Get-together with light refreshments	
13.15	Welcome address by the IKV Institute Management	Prof. Dr. rer. nat. Rainer Dahlmann, Institute for Plastics Processing (IKV) at RWTH Aachen University
13.30	Challenges in Using PCR Plastics for Cosmetic Packaging & Opportunities with Barrier Coatings	Dr. Orkun Kaymakci, Beiersdorf AG
14.00	Facing regulatory shifts in the plastic packaging sector	Dr. Isabell Schmidt, German Association for Plastics Packaging and Films (IK)
14.30	Coffee Break	
15.00	Barrier technologies for large-volume industrial packaging made of HDPE	Christian Baur, Schütz GmbH & Co. KGaA
15.30	Coating application techniques to improve barrier properties in rigid packaging	Blai Lopez, AIMPLAS
16.00	IonKraft Plasma Coatings: The sustainable barrier alternative to fluorinated and multilayer plastic bottles and canisters	Dr.-Ing. Monty Jaritz, IonKraft GmbH
16.30	Tour of the IKV laboratories	
18.00	Dinner Restaurant Hexenhof, Krämerstraße 7, 52062 Aachen	

THURSDAY, 14. NOVEMBER 2024

9.00	Welcome and Summary of the First Day of Presentations	Dr. Orkun Kaymakci, Beiersdorf AG
9.15	Multilayer technologies in the processing of PCR and barrier applications	Randy Paauwe, W. MUELLER GmbH
9.45	Migration barriers for packaging	Ali Cetin, Institute for Plastics Processing (IKV) at RWTH Aachen University
10.15	Coffee Break	
10.45	Low-temperature PECVD and PEALD: Analysis for industrial applications with high throughput	Dr. phil. Jürgen Geng, PLASMA ELECTRONIC GmbH
11.15	Quality Control and Assurance in the Plasma Based Production of Barrier Coatings Using Spectroscopic Techniques	Dr.-Ing. Thomas Schütte, PLASUS GmbH
11.45	CAMM Recycling Enabler: Circularity meets performance	Dr. Bernd Robertz, Camm Solutions GmbH
12.15	Lunch Break	
13.15	Chemical resistant barrier coatings for refillable PET bottles	Philipp Alizadeh, Institute for Plastics Processing (IKV) at RWTH Aachen University
13.45	Industrial use of PECVD for barrier coating of PET bottles	Dr. Sebastian Kytzia, KHS GmbH
14.45	PLASTIPAK PET Barrier solutions for the Food & Beverage markets	Nicolas Daugy, Plastipak Packaging, Inc.
15.15	Closing Discussion	
15.45	End of the Event	

Venue:

Institute for Plastics Processing (IKV) in
Industry and Craft at RWTH Aachen University
Seffenter Weg 201, 52074 Aachen

Questions about the conference:

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in Industry and Craft at
RWTH Aachen University