

In coordination with the previous organizer, Carl Hanser Verlag, the Forum Plastic Recyclates will in future be hosted by the Fraunhofer Institute for Structural Durability and System Reliability LBF. The 4th Forum Plastic Recyclates will take place in digital form on March 24, 2022. As before, the focus is on **material recycling**.

Kunststoffe.de

Hanser Verlag supports the conference in an advisory capacity.

Chairman

Prof. Dr. Rudolf Pfaendner, Head of plastics, Fraunhofer Institute for Durability and System Reliability LBF

Program advisory board

Dr. Heinz Herbst, BASF Schweiz AG
Dr. Kurt Hoffmann, Lyondell Basell
Dr. Klaus Bergmann, L. Brüggemann GmbH & Co. KG

Dates & fees

Virtual participation March 24, 2022

Per person 250 Euro plus VAT

Registration deadline: **March 21, 2022**

Digital - on March 24, 2022

The conference will be implemented virtually using the web-based platform Go.Virtual from our technical partner Go.Control GmbH. No installation of a video conference application is necessary for participation.

 **Fraunhofer**
LBF

Fraunhofer Institute for Structural
Durability and System Reliability LBF

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March 24, 2022 - Online conference

**4th Forum Plastic
Recyclates**

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Darmstadt 2022

www.kunststoffrezyklate.de

Presentations Forum Plastic Recyclates

Program | March 24, 2022

Mechanical Recycling - Applications, Challenges, Solutions

The forum will be held in English

9:00 | Introduction to the conference

Prof. Rudolf Pfaendner | Chairman | Fraunhofer LBF

Markets and standards for recyclates 9:15 - 10:05

9:15 - 9:40 | What does the »National Circular Economy Strategy« mean for the plastics industry?

Frank Stammer | GKV

9:40 - 10:05 | The direction for flexible plastic packaging recycling

Ton Emans | Plastics Recyclers Europe

Quality improvement / additives 10:05 - 12:00

10:05 - 10:30 | The role of molecular weight management in polymer recycling

Oliver Reich | BASF SE

10:30 - 10:55 | Improved high quality polyolefin recycling by new additivation

Matthias Bruch | L. Brüggemann

10:55 - 11:10 | Coffee break

11:10 - 11:35 | Additives for improved recycling qualities – Deinking, malodor absorption and compatibilization

Kathrin Lehmann | Evonik

11:35 - 12:00 | How odour-contaminated plastics find their way into new applications

Carl-Christoph Höhne und Elke Metzsch-Zilligen | Fraunhofer ICT + LBF

12:00 - 12:25 | First large-scale CreaSolv® EPS-recycling plant

Dr. Andreas Mäurer | Fraunhofer Institute for Process Engineering and Packaging

Jörg Hamann | EPC Engineering & Technologies GmbH

12:25 - 13:00 | Panel discussion

13:00 - 14:00 | Lunch break

Applications for recycled plastics 14:00 - 16:00

14:05 - 14:25 | Comprehensive solutions to advance a circular economy for plastics

Erik Licht | Lyondell-Base

14:25 - 14:50 | Open and closed-loop recycling of composite materials

Werner Aumüller | WIPAG

14:50 - 15:00 | Coffee break

15:00 - 15:25 | Challenge upcycling – from waste to high performance compounds

Edgar Düvel | Lehmann + Voss

15:25 - 15:50 | Sustainable plastics solutions for automotive electronics

Gerrit Hülder | Robert Bosch GmbH

15:50 - 16:00 | Summary and closing



Forum
Plastic Recyclates

The practical forum is primarily aimed at plastics producers and processors, as well as recyclers and the user industries of vehicles, white goods, construction and packaging. The event will be held in English and will therefore also be open to an international audience.

In addition to exciting experience reports on innovative approaches of leading companies, the conference offers the **exchange with experts from industry and science** and the excellent opportunity to network with partners. In addition to typical question and answer sessions during the presentations as well as alongside the lecture program, interactive formats also offer the opportunity for a direct and stimulating exchange between all participants and experts in the digital world.