



INGEDE invites you to the
27th INGEDE Symposium
on 28 February 2018 in Munich

The **INGEDE Symposium** is the only international meeting covering all aspects from **recyclability** and **paper recovery** to the treatment of **paper for recycling**.



Reaching a Higher Level in Paper Recycling – Together Chances and Challenges can be met

Collection, quality, and industrial processing of paper for recycling:
A wide range of topics at the INGEDE Symposium



The **participation fee** of 480 EUR includes lunch, get-together, and conference documentation.

For more **details** such as the final programme or hotel recommendations and about the venue see www.ingede.org or contact office@ingede.org.

Recent topics in paper recycling:

- **Ulrich Leberle** will explain the **measures for a circular economy** from both the European Commission and the paper industry
- History of **inkjet printing** and new, **better deinkable inkjet processes** by **David Croll**
- Where does the **quality of paper for recycling** go to? **Andreas Faul** tries to answer this question
- The reasons for the increasing prevalence of **UV-cured prints** and the resulting problems will be discussed by **Roland Schröder** and **Axel Fischer**
- **Jürgen Käser** will present opportunities for **higher efficiency** out of stock preparation by **papermaking 4.0**

See the detailed program on the next page.

Wednesday, 28 February 2018

8:30 Registration

9:00 **Welcome and Opening**

Thomas Krauthauf, UPM, Augsburg, Chairman of INGEDE

9:00 Overview

Thomas Krauthauf

9:30 Making the Circular Economy Happen in Europe

Ulrich Leberle, CEPI, Brussels

10:00 **Recyclability – Introduction**

Peter Hengesbach, Stora Enso, Mönchengladbach

10:10 Ecolabels: Soft Legislation to Educate Printers and Print Customers

Andrea Rimkus, RAL Environment, Bonn

10:40 INGEDE Project 153 17: Deinkability Survey

Hans-Joachim Putz, PMV, Darmstadt

11:00 **Coffee Break**

11:20 History of Inkjet Printing and New, Better Deinkable Inkjet Processes

David Croll, Océ Printing Systems, Poing

11:50 UV Inks and Varnishes – Opportunities, Markets, Technology, and Deinkability

Roland Schröder, hubergroup, and Axel Fischer, INGEDE, Munich

12:20 **Lunch**

13:40 **Paper for Recycling – Introduction**

Manfred Geistbeck, UPM, Augsburg

13:50 Closing the Loop for Paper Towels – A Journey from Washroom Behaviour to New Opportunities

Sara Lundström, Essity, Sundsvall

14:20 Quo Vadis, Mixed Paper?

Andreas Faul, INGEDE, Bietigheim-Bissingen, and Manfred Geistbeck

14:50 INGEDE Project 154 17: Moisture Measurement

Mike Schiefer, PTS, Heidenau

15:10 **Deinking Process – Introduction**

Anne-Katrin Klar, Essity, Mainz-Kostheim

15:20 Deinking of Different Print Products:

What Happens in the Mixture?

Saskia Runte, PMV, Darmstadt

15:50 **Coffee Break**

16:20 Paper Industry 4.0: The Digital Revolution in Papermaking?

Jürgen Käser, Voith, Heidenheim

16:50 From Lab Qualitative and Quantitative Macrostick Measurements to the First On-line Prototype

Patrick Huber or Benjamin Fabry, CTP, Grenoble

17:20 How is my Process Water? Improving the Quality of Deinked Pulp

Elisabeth Hanecker, PTS, Munich, and Hans-Joachim Putz

17:40 **Closure**

Thomas Krauthauf

19:00 **Get-together at Augustiner Klosterwirt**

