

Innovative Tools to Improve Efficiency in the Paper Industry

REFFIBRE Workshop at PTS, Munich, Germany – November 3rd, 2015

Chair: Ulla Forsström, VTT and Wolfram Dietz, PTS

Programme

09:30 Coffee and registration

09:50 Welcoming words and aims of the REFFIBRE project

Ulla Forsström, VTT - Finland

Circular economy in paper/board value chains

10:10 Prediction of Paper for Recycling quality on a regional level by using fibre flow models

Lydia Tempel, PTS - Germany

10:40 Environmental indicators for paper/board value chains based on paper for recycling
– Challenges of allocation methods

Catharina Hohenthal, VTT - Finland

11:10 Break

Challenges due to increased recycling

11:25 How does increased filler amount affect properties of graphical and packaging papers?
– Modelling studies

Gert Meinel, PTS - Germany

11:55 Main properties of recycled fibres reducing strength of paper – How to measure the strength potential?

Elias Retulainen, VTT - Finland

12:25 Lunch break

Towards production with zero waste: The Multiple Output paper mill concept

13:35 How to estimate the effect of increasing rejects in stock preparation for side stream applications
– Process model approach

Samuel Schabel, TU Darmstadt - Germany

14:05 Valorisation of side streams and novel products from papermills using paper for recycling

Spyros Bousios, BUMAGA - Netherlands

14:35 Potential use of side streams in composites

Lisa Wikström, VTT - Finland

15:05 Concluding remarks

15:15 End

>> For further information and registration >>



The REFFIBRE project (2013-2016) develops tools for the paper and board industry to provide the needed information regarding the impact of new production processes, raw material input and product innovations, as well as the influence on the recyclability of the end product. The tools enable paper makers to consider innovations affecting profitability in the value chain. Paper and board are unique products being both the end products as well as the main raw materials for the next cycle; thereby creating a circular economy. In order to ensure long term profitability, the industry needs to focus on resource efficiency and creating innovative products and value out of the streams discarded from the main production line due to resource efficiency reasons.

This workshop aims to show the progress made from the viewpoint of tools to predict paper strength and tools to control processes and value chains, but at the same time some interesting findings of the project can be reported.

Chair:	Ulla Forsström, VTT Dr. Wolfram Dietz, PTS
Date:	Tuesday, November 3rd 2015
Place:	Papiertechnische Stiftung (PTS) Hess Strasse 134, 80797 Munich, Germany
Registration:	Please send a fax (+49 89 121 46 36) or an email (academy@ptspaper.de) to PTS Academy in Munich or register online: www.ptspaper.com/events
Course ID:	RF 1511
Fee:	Free of charge
Hotel:	Find information about hotels nearby on www.ptspaper.com/training/

REGISTRATION FORM

Mr / Ms / First & last name:

Company:

Department / Job title:

Industry:

Phone / Fax:

Email:

Address:

Zip Code / City:

Participation to dinner (yes / no):

*The dinner will take place at the Hofer Restaurant in Munich city centre from 7pm on **November 2nd**.*
<http://www.hofer-der-stadtwirt.de/en/>

*Please note that on Nov. 2nd will take place following FPT-Workshop at PTS Munich (language: German):
„**Perspektiven 2030 - Zukunftsmarkt Papier**“. More info on www.ptspaper.de/veranstaltungen/*

Date / Signature