

THURSDAY, 26<sup>TH</sup> APRIL 2012

Digital printing

- 09.00 Alkaline deinking of digital prints and mixed waste papers  
*M. K. Bhattacharyya, H. T. Ng, L. Mittelstadt, W. Zhang, Hewlett Packard Company, US-Palo Alto, M. Aronhime, Hewlett Packard Company, HP Indigo Division, IL-Rehovot*
- 09.30 Industrial experience of producing high quality woodfree deinked pulp from a furnish containing HP Indigo LEP printed material  
*L. Benault, D. Delaporte, A. Findlay, Arjowiggins Graphic Division, FR-Château-Thierry, M. Aronhime, Y. Rosen, Hewlett-Packard Company, HP Indigo Division, IL-Rehovot, N. Miller, Hewlett Packard Company, IPG, US-San Diego*
- 10.00 Effect of pulping on deinkability of digital prints  
*W. Zhang, Y. Zhao, M. Aronhime, H. T. Ng, Hewlett-Packard Company, HP Labs, US-Palo Alto, HP Indigo Division, IL-Rehovot, N. Miller, Hewlett Packard Company, IPG, US-San Diego*
- 10.30 Coffee break
- 11.00 Impact of paper and ink design on deinkability of inkjet prints  
*H. Ehrlich, P. Engert, UPM GmbH, DE-Augsburg, M. Macias, G. Lane, N. Miller, Hewlett Packard Comp., IPG, US-San Diego*
- 11.30 New experiences with the deinking of production inkjet prints  
*A. K. Eriksson, D. Croll, Océ Printing Systems, Canon Group, DE-Poing*
- 12.00 Deinking of inkjet prints on newsprint  
*L. Mittelstadt, H. T. Ng, M. K. Bhattacharyya, W. Zhang, Hewlett-Packard Company, US-Palo Alto, M. Macias, G. Lane, N. Miller, Hewlett Packard Company, IPG, US-San Diego*
- 12.30 Lunch break
- 14.00 A novel approach for pulping toner and pigment-based inkjet ink printed papers  
*K. Kemppainen, M. Körkkö, J. Niinimäki, University of Oulu, FI-Oulu*
- 14.30 Deinking of HP Indigo prints: laboratory assessment methods for 2 loop tests, and influence of paper composition  
*M. Aronhime, Y. Rosen, J. Belson, Hewlett-Packard Company, HP Indigo Division, IL-Rehovot, N. Miller, Hewlett Packard Company, IPG, US-San Diego, H. T. Ng, M. Bhattacharyya, Hewlett-Packard Company, US-Palo Alto*
- 15.00 End

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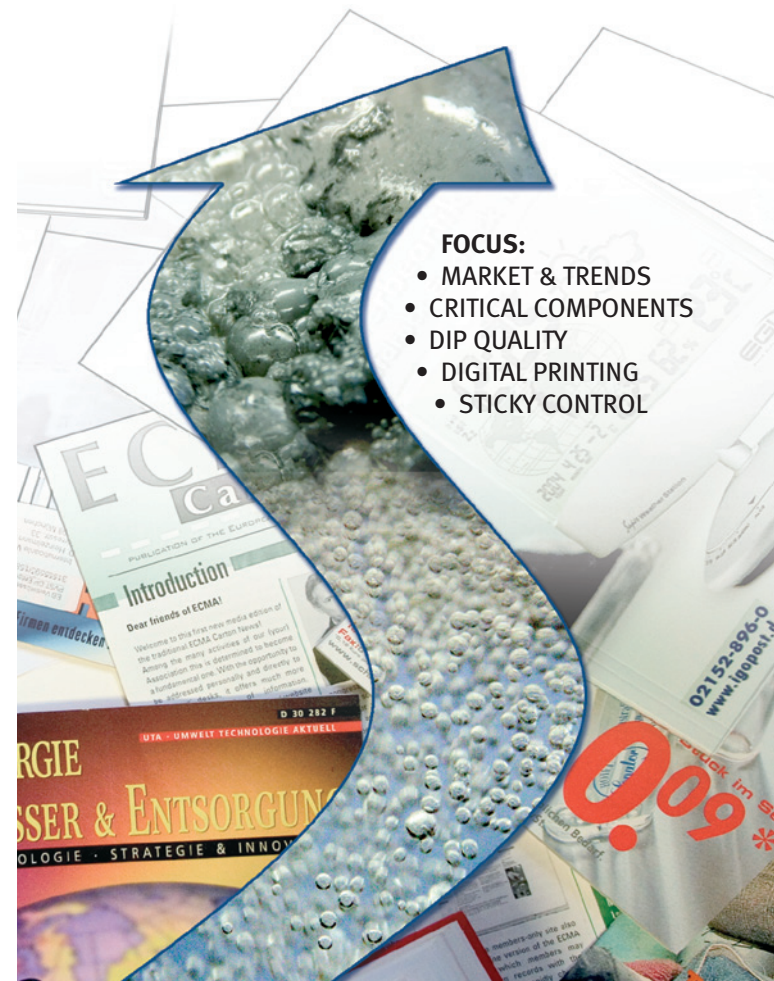
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**FOCUS:**

- MARKET & TRENDS
- CRITICAL COMPONENTS
- DIP QUALITY
- DIGITAL PRINTING
- STICKY CONTROL

RESOURCES

FIBRE COMPOSITES

SURFACES

ECOLOGICAL RELEVANCE

PTS-CTP DEINKING SYMPOSIUM

24<sup>th</sup> - 26<sup>th</sup> April 2012

Papiertechnische Stiftung, München/Germany

## DIRECTORSHIP



Dr. Elisabeth Hanecker  
PTS, DE-München



Dr. Bruno Carré  
CTP, FR-Grenoble

## TARGET GROUPS

Managers, engineers, technicians, scientists and technical staff from the paper industry, its chemical suppliers and the machine construction and engineering sectors.

## OBJECTIVES

The Symposium gives an overview of current national and international trends in deinking technology. Participants will be fully updated on the state of the art and recent developments in deinking, highlighting future trends and market-political aspects. The exchange of views and experience among international colleagues is at the forefront of the Symposium.

## LOCATION

Papiertechnische Stiftung  
Hess-Strasse 134, DE-80797 München/Germany

## WWW.DEINKING-SYMPOSIUM.COM

Simultaneous translation services German/English provided

## TUESDAY, 24<sup>TH</sup> APRIL 2012

### Market and trends

- 10.30 Welcome and introduction  
*F. Miletzky, PTS, DE-München*
- 10.45 How the European Declaration on Paper Recycling supports the deinking industry  
*U. Höke, Stora Enso Sachsen GmbH, DE-Eilenburg, A. Faul, INGEDE, DE-Bietigheim-Bissingen*
- 11.15 The paper industry as a future sector  
*K.-D. Kibat, VDP, DE-Bonn*
- 12.00 Market trends and developments in printing and media industries  
*F. Dieckhoff, Bundesverband Druck und Medien, DE-Wiesbaden*
- 12.30 Lunch break

### Critical components in recovered paper

- 14.00 Mineral oils in food packages from board – View of the printing ink industry  
*E. Frank, Flint Group Germany GmbH, DE-Stuttgart*
- 14.30 Reducing mineral oil in food packaging – Assessment of available options and their impacts on paper recycling  
*J. Kappen, I. Demel, PTS, DE-München, H.-J. Putz, A. Kersten, Papierfabrikation und Mechanische Verfahrenstechnik (PMV) Technische Universität Darmstadt, DE-Darmstadt*
- 15.00 Possibilities and limits of the flotation process as a measure to reduce mineral oil  
*C. Ewald, H.-J. Putz, A. Kersten, S. Schabel, Papierfabrikation und Mechanische Verfahrenstechnik (PMV) Technische Universität Darmstadt, DE-Darmstadt*
- 15.30 Coffee break

### Sticky control

- 16.00 Online sticky measurement in a deinking plant by using NIR  
*R. Krause, J. Holubec, Stora Enso Sachsen GmbH, DE-Eilenburg, D. Rech, TechPap SAS, FR-Grenoble, P. Hengesbach, Stora Enso FPB Holding GmbH & Co. KG, DE-Mönchenglöblich*
- 16.30 Method for focused stickies treatment at flotation  
*B. Bläsing, A. P. Schenker, B. Nellesen, Nopco Paper Technology GmbH, DE-Düsseldorf*
- 19.30 Get together

## WEDNESDAY, 25<sup>TH</sup> APRIL 2012

### Sticky control

- 09.00 Enzymes in paper recycling: Effect of enzyme on stickies  
*B. Fabry, T. Delagoutte, L. Serieys, CTP, FR-Grenoble*
- 09.30 Special engineered Talc for improved Stickies control  
*A. Hawken, P. Biza, IMERYS Pigments for Paper and Packaging, FR-Toulouse*

### Treatment technology and DIP quality

- 10.00 Monitoring of recovered paper to optimize the efficiency of a deinking plant  
*E. Pigorsch, G. Gärtner, J. Kappen, L. Hamann, T. Kuntzsch, PTS, DE-Heidenau*
- 10.30 Coffee break
- 11.00 Deinking potential of recovered paper depending on circuit quality water  
*D. Voß, H.-J. Putz, Papierfabrikation und Mechanische Verfahrenstechnik (PMV) Technische Universität Darmstadt, DE-Darmstadt, E. Hanecker, A. Virdhe, PTS, DE-München*
- 11.30 Flotation: a mature technology in Deinking processes – New challenges and applications  
*D. Beneventi, LGP2-CNRS, FR-Grenoble, A. Lascar, F. Vaulot, S. Pottier, KADANT, FR-Vitry le Francois*
- 12.00 Detrimental effect of DIP process water on flotation mechanisms: possible solution  
*B. Carré, E. Zeno, P. Huber, CTP, FR-Grenoble*
- 12.30 Lunch break
- 14.00 Adsorption Deinking - an alternative process  
*T. Handke, T. Schrunner, H. Großmann, TU Dresden, DE-Dresden*
- 14.30 IntensaMaXX removes contaminants  
*W. Müller, A. Socha, Voith Paper Fiber & Environmental Solutions GmbH & Co. KG, DE-Ravensburg*
- 15.00 Possibilities and limits of fractionation to reduce energy consumption  
*E. Hanecker, PTS, DE-München*
- 15.30 Coffee break

### Deinkability and digital printing

- 16.00 Recyclability of products printed with UV-curable inks  
*W. Rauh, P. Stolper, S. Dietzel, A. Schiller, Fogra, DE-München*
- 16.30 Impact of difficult-to-deink papers on deinking potential of recovered paper mixtures  
*D. Voß, H.-J. Putz, Papierfabrikation und Mechanische Verfahrenstechnik (PMV) Technische Universität Darmstadt, DE-Darmstadt*
- 17.00 Deinking in laboratory scale – the bumpy road towards a two-loop simulation  
*A. Faul, INGEDE, DE-Bietigheim-Bissingen, E. Hanecker, PTS, DE-München*