

## PTS Coating Symposium 2017

“Coated – Upgraded – Smart” is the motto of the PTS Coating Symposium that is will be held on 5th-6th September 2017 at Leonardo Royal Hotel in Munich. With some 350 participants, this event is the largest and most prominent international meeting place for the surface finishing of paper and board. We aim to provide fresh impetus for innovation and initiate interdisciplinary and cross-sector co-operations between the partners of the added value chain.

Coating technology has undergone a sea change in the past few years to become a flexible coating process for innovative surface functions. Today, barriers and multifunctional surfaces can meet complex requirements for a wide range of applications in an endless variety of sectors. We are also observing new technological solutions for upgrading smart products as another emerging trend.

The attendees will benefit from a profound overview about current scientific trends and industrial developments in coating technology for printing and packaging solutions or for special-purpose applications.

**Programme and registration:** [www.coating-symposium.com](http://www.coating-symposium.com)

## LECTURE PROGRAMME

### Tuesday, 5 September 2017

#### **Markets and strategies in change**

KEYNOTE: Future of paper and board converting and impact on coated paper and boards, Leif Frilund, Walki Group

Folding boxboard – packaging material of the future, Roland Rex, Weig Karton

Markets in Transition: Big Picture Market Contexts in Coated Papers and Coated Packaging and the Role of Industry 4.0, Alexander Wirth, StepChange Consulting

#### **Coating and upgrading technology**

Impact of pre-wetting on the subsequent absorption of water and its applicability to drying of multi coloured flexo prints, Janet Preston, Imerys Minerals

Paper quality and print parameter influences on the dimensional stability in web offset printing, Rainer Klein, PTS

Limits of overprinting. Which print methods can be used to overprint areas of different height?, Edgar Dörsam, TU Darmstadt

Impact of base substrate on perceived and measured surface properties, Peter Rättö, RISE

#### **Components & concepts for coating colour formulation**

Influence of the processing conditions of PVOH coatings to achieve high oxygen barrier on paper, Shu-Hsien Li, Kuraray

Oxygen permeability and economic-environmental impact studies of some polyvinyl alcohol dispersion barrier coatings for packaging applications, Magnus Lestelius, Karlstad University

Development of new fluorocarbon-free oil and grease resistant barrier coatings for paper and paperboard, Bryan McCulloch, DOW

MOTIVATIONAL SPEECH an SHOW Ligthening juggling and video art, Christoph Rummel

## **Wednesday, 6 September 2017**

Novel polysaccharide additives for inkjet printing of paper and board, Samit Chevil, DuPont

Quality enhancements, CO2 reductions and total system cost reductions with bio based latex solutions in high quality graphic packaging, Gavin Hatherell, EcoSynthetix

Microfibrillated cellulose as coating binder, Per Svending, FiberLean Technologies

### **Process technology**

Pinholes reduction in water based barrier coatings, Per Emilsson, UMV Coating Systems

Coating colour preparation - disperging combined with vacuum expansion, Hans-Joachim Jacob, Ystral

Quality assurance of coated liner with DOMAS surface measurements (Covering) in the spremling mill of Hamburger, Peter Leinert, Papierfabrik Hamburger Spremling

DF Coat - Further development of the curtain coater combining best coverage with an easy and safe operation, Christoph Henninger, Voith Paper

Innovative process technology enables manufacturing of new products, Christian Elsner, Repulping Technology

### **Innovative Products**

Use of chromatogeny for the development of barrier and release papers, Philippe Martinez, CTP

Aqueous coating formulations for cupstock to make recyclable hot drink cups, Dirk Stanssens, Topchim

Towards an improved surface sizing - A study of the interaction between recycled linerboard base paper and surface sizing agent, Kai Dahlskog, Chemec

High Barrier cellulose-based packaging for Li\_ion pouch cell, Laura Crowther-Alwyn, CTP

**Lectures will be given in German or English, each will be simultaneously translated into the other language.**

### **Press contact:**

Papiertechnische Stiftung  
Erwin Polmann, Head of Public Relations  
Hess-Str. 134, 80797 Munich  
Telephone: +49-89-12146-230  
Mail: [erwin.polmann@ptspaper.de](mailto:erwin.polmann@ptspaper.de)