

# **EUROPEAN LAMINATES CONFERENCE**

**21–22 March 2012  
Hamburg, Germany**

## **Conference Proceedings**

**Edited by**

**Kurt Fischer**

*Technical Conference Management*

Technical Conference Management,  
Dr. Kurt Fischer KG

Fasangasse 1B  
A-2103 Langenzersdorf, Austria

Phone: +43 (0)2244 33870-11  
Fax: +43 (0)2244 33870-20

Email: [office@tcman.at](mailto:office@tcman.at)  
Internet: [www.tcman.at](http://www.tcman.at)

Cover image: MeisterWerke Schulte GmbH  
Cover design: Jose Antonio Kral, [www.josekral.at](http://www.josekral.at)

© Copyright 2012, Technical Conference Management. All rights reserved.

## Table of Contents

|   |     |
|---|-----|
| <b>Market update</b><br>Tomi Hartikainen and Cormac O'Carroll, <i>Pöyry Management Consulting</i>   | 5   |
| <b>Perspectives of decorative laminate production in Russia</b><br>Leonid Barash, <i>Consultant</i>   | 21  |
| <b>Décor paper and laminate performance: A matter of TiO<sub>2</sub> efficiency</b><br>Yannick Dewilde, <i>Millennium Inorganic Chemicals</i>   | 33  |
| <b>The use of TiO<sub>2</sub> photocatalysts in decor paper applications</b><br>Volker Schmitt, <i>Kronos International</i>   | 41  |
| <b>Test method for the microscratch resistance of HPL</b><br>Rico Emmler and Simone Wenk, <i>Institut für Holztechnologie Dresden</i>   | 51  |
| <b>Kleiberit HotCoating - High gloss finishing of melamine coated wood panels in large-scale industrial use: Experiences, target markets, cost comparison and value added</b><br>Jens Fandrey, <i>Kleiberit</i> | 63  |
| <b>Industrial single-pass digital printing on printbase paper for melamine impregnation with radiation-curing hybrid ink</b><br>Jordi Reichert, <i>Hymmen</i>   | 71  |
| <b>Advanced inkjet printhead technology</b><br>Richard Darling, <i>Xaar</i>   | 75  |
| <b>Standardization in the value chain for the wood-based materials industry</b><br>Lothar Lichtenthäler, <i>Köhler Décor Papers</i>   | 87  |
| <b>Objective color measurement in decor printing</b><br>Matthias Otting, <i>Süddekor</i>  | 89  |
| <b>Standardization of decor paper is for everyone's benefit</b><br>Claus Raschka, <i>Pfleiderer</i>   | 95  |
| <b>Functional OSB surfaces</b><br>Klaus Hofmann, <i>Consultant</i>  | 97  |
| <b>Materials observed: Design trends and green messaging for architects and interior designers</b><br>Kenn Busch, <i>Material Intelligence</i>  | 105 |