



PITA COATING CONFERENCE

ROBINSON COLLEGE,
CAMBRIDGE

THE 3 P'S OF COATING: PRINTING, PACKAGING & POINT OF SALE

Tuesday 27th March

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09.00 Welcome from Conference Chairman,
Ian Davis, Chairman, PITA Coating Working Group

SETTING THE SCENE

SESSION 1

Retail Ready Packaging – A European Perspective
Karen Bevan,
Institute of Grocery Distribution

... “Equipment – The Appliance with Science!”

Session Chairman - Andrew Griffiths, BTG UK Ltd

09.45 Coating Machine Rebuilds - A Tool to Enhance Quality and Efficiency
Lauri Korhonen,
Metso Paper

10.15 Blade Technology - A Tool for Improved Print Quality
Kenneth Fagreluis,
BTG Duroblade SA

10.45 Coffee

11.15 Free Jet Coating - Recent Experiences with Closed Heads
Paolo Rabito,
PMT - Pinerolo

11.45 New Technology to Measure the Parallelism of Rollers
K Twigg,
Pruftechnik Ltd and M Hummel, M Ecker Pruftechnik Alignment Systems GmbH

12.15 The Fourth P; Power and How to use it Sparingly to Save Money
Tim Klemz,
Compact Engineering

12.45 PITA AGM

13.00 Lunch

SESSION 2

... “Two More P’s: Pigments and Poly-things!”

Session Chairman - Steve Mann, Paper Classroom

14.15 Design of Coating Structure for Flexographic Printing
Janet Preston, A G Hiorns and D J Parsons, *Imerys Minerals*

14.45 Use of a Steric Stabilizer as Water Retention Aid for Maximising Calcium Carbonate Use in Glossy Coated Paper
Francois Dupont, *Coatex SAS*
Sauli Rennes, *Omya OY* and Mark Smith, *Omya UK*

15.15 Comparison of Different Pigments for Paper Coating
Jorg Hocken,
Sachtleben

15.45 Tea

16.15 The Replacement of Latex in Pigment Coatings
Frederic Bouvier,
Roquette (UK) Ltd

16.45 Aqueous Dispersions of Polyolefins
Ronald Wevers,
Dow Chemical Company

17.15 Optimisation of the Coating Colour Kitchen in the New Environment of the Paper Mills
Thierry Leduc,
ABB Cellier

17.45 End of Day One

19.30 for 20.00 **Conference Dinner**

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SESSION 3

... “Formulations – Mixing it with the Best”

Session Chairman - Chris Hindley, Ciba Specialty Chemicals

09.00 Cost Reductions through Optimisation of Coating Formulations
Mariela Gauto,
Clariant

09.30 Effect of Water Retention and Rheology Modifier (WRRM) Chemistry on Paper Coating Structure
Tamal Ghosh,
Ciba Specialty Chemicals

10.00 Material Retention: A Novel Approach to Performance of Pigment Coating Colours
Jaana Ahtikari & Ken McKenzie,
CP Kelco Oy

10.30 Today’s Trend Lines in Coating Kitchens, Supply Systems and Coating Effluent Treatment
Ilkka Raitto,
Metso Paper

11.00 Coffee

ROUND TABLE

With a focus on Energy Usage in Coating
Moderator - Ian Davis, IMD Consulting
Panel to be selected from speakers and other experts

13.00 Lunch

SESSION 4

... “Aspects of Packaging and Print – For the Ultimate Customer”

Session Chairman - Kieran Rafferty, RaKeM Ltd

14.15 Design and Engineering of Mineral Fillers for Barrier Coatings
Dave Gittins, Hannah Howard and Bob J Pruett,
Imerys Minerals

14.45 New Development in Print Receptive and Barrier Coatings
Robin Cooper,
Michelman Inc

15.15 Print, Packaging and Product Uniformity - Performance Issues through the Production Cycle
Nigel Jopson,
Pira International

15.45 Measuring and Evaluating the Surface Quality of Gravure Papers.
Dr Harald Grossman,
Rainer Klein and
Matthias Wanske
Dresden University /PTS

16.15 A Re-evaluation of Factors Controlling Print Rub on Matt and Silk Coated Papers
Pat Gane,
Omya Development AG

16.45 Closing Remarks and End of Conference

CONFERENCE PROGRAMME

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