SURCON '99
Adhesion
Advances in Adhesion Science and Technology of Surface Coatings

Wednesday 6th and Thursday 7th October 1999
Birmingham, United Kingdom

Preprints

Price £60

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Oil & Colour Chemists' Association

SURCON 99 International Conference
Clarendon Suite, Hagley Road, Edgbaston, Birmingham

COATINGS ON THE MOVE

**Wednesday 6 October 1999**

09.00 - 10.00  Registration and Coffee

10.00 - 10.10  Welcome and opening remarks

**Session 1 (Chairman - Long Lin)**

10.10 - 10.45  Formation and Failure of Adhesive Bonds

**Paper 1**  Keith Allen - Oxford Brookes University

10.45 - 11.20  The Chemistry of Adhesives

**Paper 2**  John Comyn - Loughborough University

11.20 - 11.35  Coffee

11.35 - 12.05  The Use of Surface Analytical Techniques to Understand Adhesion

**Paper 3**  Performance

Derek Brewis - Loughborough University

12.05 - 12.40  Pretreatments and Their Effect on Adhesion of Coatings

**Paper 4**  Jim Guthrie - University of Leeds

12.40 - 13.45  Buffet Lunch

**Session 2 (Chairman - John Marron)**

13.45 - 14.25  Adhesion and Fracture of Polymeric Coatings

**Paper 5**  Roy Moore - ICI, R & T Group

14.25 - 15.05  Non Destructive Measurement of Coating Adhesion

**Paper 6**  Jon Graystone - Paint Research Association

15.05 - 15.25  Coffee

15.25 - 16.05  Studies on the Adhesion of Radiation-Cured Coatings to Metal Substrates

**Paper 7**  Garnet Simmons - Becker Industrial Coatings

16.05 - 16.50  Modelling the Adhesion and Mechanical Properties of Brittle Coatings

**Paper 8**  Nigel Jennett - National Physical Laboratory

19.30  Conference Dinner - Clarendon Suite

(delegates who have not registered, but wish to attend, should apply to the registration desk prior to the afternoon sessions)
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Thursday 7 October 1999

09.00 - 10.00 Registration

Session 3 (Chairman - Geoff Hutchinson)

10.10 - 10.45 Crystal Sizing of Yellow 13 Type Pigments and Their Influence on the Optical and Rheological Properties of Lithographic Inks

Paper 9

Martin McGarvey - Ciba Specialty Chemicals, Colours Division

10.45 - 11.20 Adhesion and Cohesion Phenomena in Pigment Dispersion

Paper 10

Long Lin - University of Leeds

11.20 - 11.35 Coffee

11.35 - 12.05 Contact Angle Measurements and Adhesion in Water-Based Systems

Paper 11

John Clint - University of Hull

12.05 - 12.40 Rheology Measurements with Respect to Surface Coating

Paper 12

Paul Reynolds - University of Bristol

12.40 - 13.45 Buffet Lunch

Session 4 (Chairman - Kevin O’Hara - Cray Valley - President, OCCA)

13.45 - 14.25 Key Factors for Adherence for UV-Curable Coatings

Paper 13

Benoit Magny - Cray Valley France

14.25 - 15.05 Marine Coatings

Paper 14

Stefan Niedoba - International Paints

15.05 - 15.25 Coffee

15.25 - 16.05 Silicone Resin Emulsion Paint and Silicone Primer - A Combination With Outstanding Durability

Paper 15

Albert Hausberger - Wacker-Chemie

16.05 - 16.50 Mathematical Calculations for Adhesion with Consideration of Modified Polysulfides for Coatings

Paper 16

Bernard Lowe - Consultant

16.50 Closing Remarks and end of conference