

INDUSTRY INSIGHT - 4 JUNE



9.30 The Road to Net Zero for the Coatings Industry

Duncan Lochhead, AkzoNobel Deco UK / Dulux Decorator Centre



9.50 The Do's and Don'ts of Green Claims for Decorative Paints

David Callaway, Annie Sloan Interiors



10.10 Overview and Impact of Packaging EPR on Business,

George Atkinson, Valpak



10.30 - 11.30 Break



11.30 Supply Chain Collaboration as a Catalyst for Sustainability

Danish Zaiful Azri, Chemical Business Association



11.50 Trade Control Compliance – The Chemical Business Association's Code of Conduct in Practice

Doug Leech, Chemical Business Association



12.10 The Future of UK Chemical Regulation

Elaine McGavin, Chemical Business Association



12.30 - 14.00 Lunch Break



14.00 Reducing Carbon Footprint – What are Suppliers Doing to Help?

Roger Brown, Hempel A/S

15.00 - 16.00 Break



16.00 Paint and Coatings Sales Trends

Paul Goldsmith, Whittle Industry Data



16.20 Latest Developments and Outlook for UK REACH

Neil Hollis, BASF



16.40 Political and Policy Outlook for the Coatings Sector

David Park, BCF



INDUSTRY INSIGHT - 5 JUNE



09.30 The Challenges, the Time and the Real Cost of Getting Biocidal Product

Authorisation: An SME Perspective
Geoff Mackrill, Teal and Mackrill



09.50 Determining Peroxide in Inks: Concentration and Kinetics of Formation

Steven Lancaster, Domino Printing Sciences



10.10 CLP Labelling Challenges from EU Divergence

Jill Woods, Domino UK Ltd



10.30 - 11.30 Break



11.30 Preparing for the Future - A One Hour Set of Presentations and Panel Discussion by the Chemical Business Association

Tim Doggett, **Dr Karen Harvey**, **Ross Straughan**, **Jill Young**, Chemical Business Association



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12.30 - 14.00 Lunch Break



14.00 Fire Safety Standards for Paints Post-Grenfell

Dr Andrew Taylor, ASFP



14.20 Reducing Environmental Impact When Painting

Ciara Dempsey, BCF

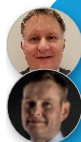


14.40 The Importance of Biocides for Coatings

Stephen Falder, HMG Paints



SURFACING SCIENCE - 4 JUNE



09.30 Meeting Net Zero:
Challenges for Industry and Society
Paul Sheppard, HMG Paints
Roger Brown, Hempel

PANEL DISCUSSION

10.30 - 11.30 Break



11.30 Alternative Fuel - Sustainability
and Spill Response
Bill Atkinson; Dan Ellis,
Adler and Allan Group

IN-DEPTH

12.30 - 14.00 Break



14.00 How Does Graphene Create
Superior Coatings?
Terrance Barkan, Chirag Ratwani,
The Graphene Council

IN-DEPTH

15.00 - 16.00 Break



16.00 Laser Processing for Surface
Preparation and Texturing
Reza Nekouie Esfahani,
Manufacturing Technology Centre



16.30 A Circular Solution to Mixed Waste
Paint Recycling: TiO₂ Recovery and Reuse
Dr Benjamin Naden,
Paint Research Association



SURFACING SCIENCE - 5 JUNE



09.30 Regulatory Pressures Within
The Coatings Industry – Problems and
Solutions
Paul Sheppard, HMG Paints Limited;
Graham Armstrong, Indestructible Paint
Limited; Dr Con Robert McElroy,
University of Lincoln

10.30 - 11.30 Break



11.30 Navigating the World of Standards:
A BSI Handbook
Liudmyla Klymchuk, BSI;
Saqlain Ali, Permastore Limited



12.00 Recent Advances in Modified
Graphene in Coatings
Victoria Lee, Graphene Engineering
Innovation Centre, The University
of Manchester



12.30 - 14.00 Break



14.00 Flammable Liquids and the
Fundamentals of Static Electricity
Andrew Norman, Solvents Industry
Association
Sean Makin, Newson Gale



THE CUTTING EDGE - 4 JUNE



10.00 Superhydrophobic Coatings and Coatings that Harvest Energy

Prof. Manish Tiwari,
University College London



10.30 - 11.30 Break



11.30 The Development of Sustainable Paint for Coil Coated Steel

Jake Kramp, *University of Swansea*



12.00 Novel Antimicrobial Metallic Surfaces for Infection Control

Liam Haglington, *University of Swansea*



12.30 - 14.00 Break



14.00 Chemical Analysis of Surfaces and Coatings by X-Ray Photoelectron Spectroscopy

Dr Marc Walker, *University of Warwick*



14.30 Antibacterial and Antifungal Action of Surfaces and Coatings are Dependent on the Surrounding Environmental Conditions and Deposition Mechanics

Dr Alexander Cunliffe, *Manchester Metropolitan University*



15.00 - 16.00 Break



16.00 Cellulose White Pigments - A Sustainable Replacement for TiO₂ for Health Sensitive and Industrial Applications?

Dr Wadood Hamad, *Seprify AG*



16.30 Self-Assembly of Pi-Conjugated Materials on Surfaces for Optoelectric and Photocatalytic Applications

Dr Jonathan Ward, *Lancaster University*



THE CUTTING EDGE - 4 JUNE



09.30 Recyclable Silver Conductive Inks For Sustainable Printed Electronics

Dr James Claypole, *Swansea University*



10.00 Demonstration of the Sustainable Separation of Conductive Silver From Printed Electronics

Dr James Claypole, *Swansea University*



10.30 - 11.30 Break



12.00 Radiative Cooling Coatings and Coatings That Can Produce Electricity From Sunlight

Prof. Ioannis Papakonstantinou,
University College London



12.30 - 14.00 Break



14.00 Advanced Structural Characterization Techniques to Investigate Interfacial Chemistry

Associate Prof. Rosa Arrigo,
University of Salford



TECHFOCUS - ROOM A - 4 JUNE



9.50 Minimizing Pigment and Overall Paint Performance with Multifunctional Additives

Romain Severac, Advancion Sciences



10.10 Fast, Sustainable Curing and Drying of Industrial Coatings Using Lasers

Dr Toby Strite, IPG Photonics

10.30 - 11.30 Break



11.30 How Composite Pigments Improve Coating Opacity and Ultimately Result in Improved Cost and Sustainability

Andy White, FP-Pigments



11.50 A Novel Biocide-free Rheology Modifier from Dow for Next Generation Architectural Coatings

Dr Sandra Coulthurst, Univar Solutions



12.10 How Can You Formulate Sustainable Flooring Coatings Based on Two-component (2K) Polyurethanes and Polyureas?

**Marc Cornick, Vencorex
(represented by Ravago)**

12.30 - 14.00 Break



14.00 Alkyd Resins Based on Camelina Oil And Their Contribution To More Sustainable Paint And Coatings Formulations

Caroline Matthiesen, Worlee-Chemie



14.20 Colourful Coatings Solutions with Pigments from Sudarshan and BTC

Manoj B Bankar, Sudarshan Chemical Industries



14.40 Quartzene® Aerogel as Performance Additive in Paint and Coatings

Alexander Grahn, Svenska Aerogel

15.00 - 16.00 Break



16.00 Workshop: Exploring Diverging Regulation Between GB, NI and the EU in the Chemical Sector Affecting Adhesives and Sealants

**Caroline Raine, Jim Palmer,
Lorna Williams, BASA**

WORKSHOP



TECHFOCUS - ROOM B - 4 JUNE



09.50 The Next Step in 2K Polyol Drying: Fast Cure, Versatility to the Max

Andrew Teasdale, Allnex



10.10 Protection Without Compromise – Non Isocyanate Curing

Markus Hallack, Evonik

10.30 - 11.30 Break



11.30 A Polymeric Anionic Pigment Dispersant – DEHSCOFIX® WT107

Dr Zaka Ahmed, Innospec



11.50 Advances in Hyperdispersant Technology for Waterbased Coatings

**Dr Cathy Cooper,
Lubrizol Advanced Materials**



12.10 Valysis® - Validated Systems for Bespoke Formulations. Tailor-made Solutions in Epoxy Formulations to Deliver Commercial Success

**Hugh Roarty, Nikki Cosgrove,
Lake Coatings**

12.30 - 14.00 Break



14.00 Sustainable Additive Solutions POWERING UP Future Developments For a Broad Range of Industries

Peter Bene, BASF



14.20 TEGO® Guard 9000 – Quick Weather Resistance and Long Lasting Protection of Façade paints

Oliver Peters, Evonik



14.40 Next Gen Labelling-free, Carbon-based Substrate Wetting Agents

Arjan Schaeffer, Ashland

TECHFOCUS - ROOM A - 5 JUNE



9.50 Sustainable Decorative Coatings

Markus Dimmers,
Alberdingk Boley



10.10 Laser Cleaning and Stripping – Fast, Precise and Sustainable Replacement for Wet Processes and Abrasives

Dr Toby Strite, *IPG Photonics*

10.30 - 11.30 Break



11.30 Pneumatic Mixing. Bringing Chemicals Back to Life

Martin Willis, *IPI Global*



11.50 Using Composite TiO₂ Pigments to Reduce The Use of Coloured Pigments Hence Reducing Cost And Carbon Footprint

Paul Dietz, *FP-Pigments Oy*



12.10 Replacing Tin-based Catalysts without Compromising Performance in Polyurethane Coatings

Sebastian Dziki, *Borchers*

12.30 - 14.00 Break



14.00 Chromium Trioxide and the Effect of Changes Within UK and EU Reach on its Use in Slurry Coatings

Graham Armstrong,
Indestructible Paint, IMF

IN-DEPTH



TECHFOCUS - ROOM B - 5 JUNE



09.30 PLIOTEC™ BR for Flat Matt Paints with Burnish & Stain Resistance

Dirk Sühling, *Synthomer Deutschland*



9.50 New Low Labelled Curing Agents for Epoxy Flooring Applications

Linda Coppin, *Westlake Chemicals*



10.10 Unique Metallic Effects Based on Structureless Effect Pigments

Daniel Fischer, *Eckart*

10.30 - 11.30 Break



11.30 Sustainability Meets Protective Coatings - How Additives Boost The Performance of Modern Protective Coatings

Lara Walter, *BYK Chemie*



11.50 Rheological Behaviour of Urea Urethane in Water and High Polarity Solvent Based Model Systems

Nick Wood, *Synthron, a division of Protex Chemicals*



12.10 The Role of HALOX Corrosion Inhibitors and LOPON Additives on Improving Sustainability in Coatings Formulation

Lucas Zimmerman, *ICL*