



# SURFEX

The Only Event in the UK for Surface,  
Paint & Coatings Technology

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## Event Preview

Including the latest conference  
programme and exhibitor list

INDUSTRY INSIGHT

THE CUTTING EDGE

SURFACING SCIENCE

TECHFOCUS

INGREDIENTS, RAW MATERIALS, SERVICES, EQUIPMENT

ORGANISED BY:

X in #SURFEX



OCCA  
The Oil & Colour Chemists' Association

4-5 June

Coventry  
Building  
Society  
Arena



2024

# Science. Technology. Applications.

*The only event in the UK dedicated to surface, paint & coatings technology*

*Nowhere else in the UK will you be able to take advantage of everything that Surfex has to offer. Dedicated, designed and developed for our industry, this is your opportunity to connect with experts and leading authorities and discover a world of opportunities.*

*So no matter your role, level or experience, Surfex has something for you.*

*Enhance your CPD with in-person learning*

## Industry Insight

Sessions from top experts on a broad range of topics. Organisations involved in this theatre include the BASA, BCF, the CBA and ERMA. The important things you need to know, delivered by those who know it best.

## TechFocus

Discover the latest innovations entering the market. Presented by the experts bringing them to market, this is your opportunity to explore, discuss and learn first hand directly from the 'horses mouth'.

## Surfacing Science

Presentations by leading scientific societies and associations such as OCCA, SIA, MTC and the PRA

## The Cutting Edge

Learn about the things that you didn't think were possible! The Cutting Edge programme presents the latest cutting edge research coming out from leading UK institutions. Photovoltaic windows – not a problem, coatings that remove pollution from the air – easy. This is your opportunity to learn direct about the latest advances that will be shaping our industry in the future.



[www.surfex.co.uk](http://www.surfex.co.uk)



# EXPLORE. ENGAGE...

# Conference Programme: June 4

## Industry Insight

- 
**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**

- 
**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**

- 
**14.00** Reducing Carbon Footprint – What are Suppliers Doing to Help?  
**Roger Brown, Hempel A/S**
- 
**16.00** Paint and Coatings Sales Trends  
**Paul Goldsmith, Whittle Industry Data**

- 
**16.20** Latest Developments and Outlook for UK REACH  
**Neil Hollis, BASF**

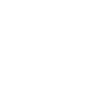
- 
**16.40** Political and Policy Outlook for the Coatings Sector  
**David Park, BCF**


## The Cutting Edge

- 
**11.30** The Development of Sustainable Paint for Coil Coated Steel  
**Jake Kramp, University of Swansea**

- 
**12.00** Sol-Gel Coatings for Coil-Coated Steels  
**Evan Watkins, University of Swansea**

- 
**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  
**Alexander Cunliffe, Manchester Metropolitan University**

- 
**16.00** Cellulose White Coatings for Industrial Applications Avoiding the Use of Titanium Dioxide  
**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**


## Surfacing Science

- 
**09.30** Meeting Net Zero: Challenges for Industry and Society  
**Paul Sheppard, HMG Paints**  

**Roger Brown, Hempel**

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

- IN-DEPTH**
- 
**14.00** How Does Graphene Create Superior Coatings?  
**Terrance Barkan, The Graphene Council**

- IN-DEPTH**
- 
**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**


## TechFocus A

- 
**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**
- 
**11.30** How Composite Pigments Improve Coating Opacity and Ultimately Result in Improved Cost and Sustainability  
**Andy White, FP-Pigments Oy**
- 
**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 Chemicals (represented by Rivago Chemicals)**
- 
**14.00** Alkyd Resins Based on Camelina Oil And Their Contribution To More Sustainable Paint And Coatings Formulations  
**Caroline Matthiesen, Worlee-Chemie GmbH**
- 
**14.20** Colourful Coatings Solutions with Pigments from Sudarshan and BTC  
**Manoj B Barkan, Sudarshan Chemical Industries Ltd**
- 
**14.40** Quartzene® Aerogel as Performance Additive in Paint and Coatings  
**Alexander Grahn, Svenska Aerogel AB**

- 
**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 B

- 
**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**
- 
**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**
- 
**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 Inc**
- 
**16.00** Coatings Sustainability Challenges - Complexity and Dynamic Evolution  
**Dr Houshang Kheradmand, ERMA**


## IN-DEPTH

# Conference Programme: June 5

## Industry Insight



**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 Printing Sciences**



**11.30** The Continual Evolution (and Revolution) of the Chemical Supply Chain  
**Tim Dogget, Karen Harvey & Edward Platt Chemical Business Association**



**IN-DEPTH**



**14.00** Fire Safety Standards for Paints Post-Grenfell  
**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**



## The Cutting Edge



**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**



**11.30** Superhydrophobic Coatings and Coatings that Harvest Energy  
**Prof. Manish Tiwari, University College London**



**12.00** Radiative Cooling Coatings and Coatings That Can Produce Electricity From Sunlight  
**Prof. Ioannis Papakonstantinou, University College London**



**14.00** Advanced Structural Characterization Techniques to Investigate Interfacial Chemistry  
**Associate Prof. Rosa Arrigo, University of Salford**



## Surfacing Science



**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**



**PANEL DISCUSSION**

**11.30** Navigating the World of Standards: A BSI Handbook  
**Liudmyla Klymchuk, BSI**



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



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



**IN-DEPTH**

## TechFocus A



**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**



**11.30** Pneumatic Mixing. Bringing Chemicals Back to Life  
**Martin Willis, IPI Global Ltd**



**11.50** Using Composite TiO<sub>2</sub> 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 GmbH**



**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 B



**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, Eckhart**



**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 Limited**



**12.10** The Role of HALOX Corrosion Inhibitors and LOPON Additives on Improving Sustainability in Coatings Formulation  
**Lucas Zimmerman, ICL**



**14.00** An Insight into Conducting an Effective Coating Survey With an Introduction to the Latest Practical Equipment  
**David Eyre, Lucy Pavia, Corrodere Academy**



**PRACTICAL SESSION**



...ENHANCE.

# The A-Z ...of Surface, Paint & Coatings Technology

## The Exhibition

### SHOWCASING THE LATEST PRODUCTS AND SPECIALIST SERVICES

Your opportunity to discover the latest technical and innovative advances and discuss them directly with the people bringing them to market.

2M Services	Centre	Provençale
3M	Grolman	Q-Lab Europe
ACR – Filling and Capping Systems	Hauschild SpeedMixer® UK	Quarzwerke HPF
ADEPT Pure Water	Heubach	Radiant Color
Advancion Sciences	Hibiscus	Rain Carbon Inc.
Aerofin Laboratories	Huntsman Performance Products	Rakem Group
Afcona Additives	ICAP Sira	Ravago Chemicals UK
Alberdingk Boley	IMCD UK	Refnol
Alfa Chemicals	IMMEA DOSATRICI	Rianlon
Alfa-Ecoproject	Ineos Pigments	Richard Baker Harrison
Allied Filter Systems	Innospec	Rio Tinto Minerals
allnex LRA & XLR	INOPOL	Safic Alcan UK
Allnex Radcure	Institute of Materials Finishing	Sappi
Arpadis UK	IOI Oleochemicals	Science Solutions Recruitment
Ascotec	Ionian Kalk	Shin-Etsu Silicones Europe
ASK Chemicals	IPG Photonics (UK)	SIAM
Banner Chemicals	IPI Global	Sika
BASF	IQLIT Emulsions	Siliconi
Blagden Specialty Chemicals	JHSi	Siltech Silicones
Borchers	KaMin	SIR Industriale
Borica	Kecol Pumping Systems	Solvents Industry Association (SIA)
Brenntag UK & Ireland	Kempro	Stort Chemicals
British Coatings Federation	Konica Minolta Sensing Europe	Sudarshan Europe
BTC Europe, a brand of BASF	Kraemer GmbH & Co.	Sun Chemical Pigments
BYK-Chemie	Krantz Clean Air Solutions	Sympatec
BYK-Gardner	KRONOS	Synergy Mixers
Camida	Laix	Synthesia Technology Europe
Cardolite Specialty Chemicals Europe	Lake Coatings	Synthomer
Carst & Walker	Lamberti	Synthron
Castle Chemicals	Lankem	Tayca Corporation
Cathay Industries	LAUDA Technology	Taylor Davis
CDR Pumps UK	Lawrence Industries	Tennants Distribution
Chemours	Lisam Systems	Tennants Textile Colours (TTC)
Chemours Titanium Technologies	LKAB Minerals	TIB Chemicals
Chitec Technology Co.	Lovibond	Tolsa
CliQ SwissTech	Lutz UK	TotalEnergies Marketing UK
Cornelius Group	Maker	Triturados Blanco Macael (TBM)
Datacolor AG Europe	Manchester Chemicals	U.S. Borax
Devine Chemicals	MCP Europe	UCC General Trading
DKSH Great Britain	Meritics	UNIQCHEM
Dorf Ketal	Merritt Recruitment	Univar Solutions
Dura	Metaflake	Universal Matter
Eastman	Michelman	University of Warwick
Eckart	Microchem	VANORA AG
Ege Kimya	Minralis	Venator
El-Mohandes for Trading & Manufacturing Chemicals	Mirodur	Vencorex
Elementis UK	Mitsubishi Chemical Group	Vibro-Mac
Envirospheres Pty	MPC Europe	Vinavil
Eurikas	Munzing Chemie	Vink
Everlight Chemical Industrial Corp.	NeoTech Speciality Chemicals	Vogelsang
Evonik	NETZSCH Pumps & Systems UK	Waverly Carbon
Evonik Silica	NETZSCH Pumps & Systems UK	Whitehall Recruitment
FP Pigments	New Japan Chemical	WilCure
Friedheim Scientific	Nordmann U.K.	Wilfrid Smith
Fullbrook Systems	OCCA	Woellner Group
Geotech	Omya UK	Worlée-Chemie
Graf Chemicals	PALEUS Acrylics	X-Rite Pantone
Graphene Council	Pidilite	Xyntra Chemicals
Graphene Engineering and Innovation	Plastribution Speciality Chemicals	Zeochem
	PORAVER GmbH	
	Potters Industries	

Exhibitor list correct at time of going to press

# Register now at [www.surfex.co.uk](http://www.surfex.co.uk)

## Benefits of attending

- **Learn** – Surfex is a great place to extend and deepen your knowledge through organised sessions (seminars and workshops) and through informal peer-to-peer learning.
- **Update** – Surfex brings together the whole industry worldwide, allowing you to gain an overview of the market, follow the latest trends and innovations and get new ideas for your business.
- **Network** – Surfex provides a unique venue for people with common interests to connect personally with one another: keep in touch with existing business partners and generate new business contacts.
- **Evaluate** – get competitive information about a wide range of products and suppliers in a short space of time, allowing you to compare and discuss specific issues, features, prices and conditions.
- **Discover** – find new markets and opportunities and see novel product and service solutions: many new products and services are launched at Surfex.

Register



## The venue

Coventry Building Society Arena, CV6 6GE

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