



THE EVENT FOR
THE MATERIALS FINISHING INDUSTRY:
THE BLACK COUNTRY LIVING MUSEUM
TIPTON ROAD, DUDLEY, WEST MIDLANDS DY1 4SQ

- **2 DAY SEMINAR AND EXHIBITION COVERING ALL ASPECTS OF MATERIALS FINISHING**
- **PRESENTATIONS TO COVER TECHNOLOGICAL ADVANCEMENTS IN SURFACE FINISHING**
- **DISCUSS YOUR REQUIREMENTS WITH EXPERT SUPPLIERS OF TECHNICAL SOLUTIONS**



Session topics:

- Decorative finishes.
- Functional/protective finishes by electrodeposition techniques.
- Functional/protective finishes by vacuum deposition techniques
- Functional/protective finishes by mechanical techniques

Tuesday 9 June 2015

- 9:00-9:45** Registration and coffee.
- 9:45** Conference opens
Welcome address by IMF President - Graham Armstrong FIMF.
- 10:00-10:30** **Keynote presentation:**
Malcolm Griffiths FIMF: "Why we are all here and what the IMF can do for you".
- 10:30-11:30** **Functional/protective finishes by electrodeposition – session #1.**
- 10:30** **Composite finishes by pulsed Plasma Electrolytic Oxidation:** W.E.G. Hansal – Happy Plating GmbH Austria. [wear, corrosion]
- 11:00** **Cobalt-free zinc plating processes for automotive applications:** Paul Wynn – Coventya UK Ltd. [corrosion, regulation]
- 11:30-12:00** Tea Break
- 12:00-1:00** **Functional/Protective finishes by mechanical techniques – session #1**
- 12:00** **Aircraft carrier deck coatings:** Bryan Allcock – Monitor Coatings Ltd UK. [extreme conditions, wear, corrosion]
- 12:30** **Self-cleaning coatings:** Alan Taylor – The Welding Institute UK.
- 1:00-2:15** Lunch – exhibition – networking
- 2:15-2:45** **Functional/protective finishes by vacuum deposition techniques – session #1**
Sputtered nickel-titanium thin films: Sadaf Anjum – Cranfield University UK. [wear, shape memory]
- 2:45-3:15** **Decorative finishes – session #1**
Digital colour measurement: Sandra Weixel, Product Manager – Colour, BYK-Gardner Q.C. Instruments, Germany.
- 3:15-3:45** Tea break
- 3:45-4:15** **Functional/protective finishes by electrodeposition – session #2.**
Electrophoretic deposition of PTFE coatings onto plastic: Janet Hope – LVH Coatings Ltd UK. [wear, friction control]
- 4:15-4:45** **Functional/protective finishes by mechanical techniques – session #2**
Meeting current and future standards: advancements with chrome free anti-corrosion systems: Richard Banks - Indestructible Paint Ltd UK. [corrosion, legislation]
- 4:45** Champagne reception celebrating 90 years of the IMF



The Answers to the World's Surface Finishing Puzzles.

Wednesday 10 June 2015

- 9:00 - 9:30** Registration
- 9:30 - 10:00** **Keynote presentation: Insights from the KTN Special Interest Group study into the Surface Engineering and Advanced Coatings industries.**
Allan Matthews - FIMF, Professor of Surface Engineering, Sheffield University UK.
- 10:00 - 10:30** **Functional/protective finishes by electrodeposition - session #3**
- 10:00** **Electrophoretic fabrication of titanium nitride coatings:**
Begoña Ferrari – Institute for Ceramic and Glass, Madrid, Spain.
[wear, corrosion]
- 10:30** **Manufacturing and in-service tin whisker mitigation strategies: Geoff Wilcox – Loughborough University UK.**
- 11:00 - 11:30** Tea break
- 11:30 - 12:00** **Decorative finishes- session#2**
Plating on plastic using hexavalent chromium free processes. Duncan Beckett – Coventya UK Ltd.
[regulation]
- 12:00 - 12:30** **Functional/Protective finishes by mechanical techniques - session #3**
Silane based anti-biofouling paints: Hideyuki Kanematsu – National Institute of Technology Suzuka College, Japan.
- 12:30 - 1:45** Lunch- exhibition-networking
- 1:45 - 2:15** **Functional/protective finishes by vacuum deposition techniques - session #2**
- 1:45** **Photocatalytic titania coatings by magnetron sputtering processes:** P.J. Kelly - Manchester Metropolitan University UK.
[self-cleaning, antimicrobial, hydrophilicity]
- 2:45** **PVD advanced coatings:** Kevin Cooke – Teer Coatings Ltd UK. [wear, abrasion, toughness, heat resistance, friction control]
- 2:45 - 3:15** Tea break
- 3:15 - 4:15** **Open Forum with IMF panel -**
Graham Armstrong, Malcolm Griffiths, Peter Hope
- 4:15** Close



Celebrating 90 years of
The Institute of Materials Finishing



Getting there...



Tipton Road, Dudley DY1 4SQ.

BY ROAD: On the A4037, 3 miles from M5 - Junction 2, 7 miles from M6 - Junction 10. 10 miles from Birmingham City Centre. Follow the brown signs. Parking is available at the Museum - charges apply. Sat Nav: DY1 4SQ

BY RAIL: Tipton Station (1 mile away) is on the Birmingham to Wolverhampton line. Contact London Midland on 0844 811 0133 or visit www.londonmidland.com



The Institute of Materials Finishing,
Exeter House, 48 Holloway Head, Birmingham B1 1NQ.
Telephone: 0121 622 7387
Email: helen@materialsfinishing.org

www.instituteofmaterialsfinishing.org

The Institute reserves the right to change or modify this programme without notice.



CONFERENCE/EXHIBITION REGISTRATION

Please complete the form below (Please use BLOCK CAPITALS throughout)
 and return to Helen Wood by **post** to address below or by **Email** to: Helen@materialsfinishing.org
 Or Call Helen on +44 (0)121 622 7387

(Cost per person/exhibitor in GBP)	Booking before 30 April		Booking after 30 April		Total £
	Member	Non-member	Member	Non-member	
Day delegate - Tuesday	75	97	95	115	
Day delegate - Wednesday	75	97	95	115	
2 day delegate	125	170	125	170	
Exhibition 3m x 2m space - 2days	700	800	750	850	
Tour of BCLM 5.30 pm – 8 pm Tuesday evening	20	30	25	35	
				SUB TOTAL	
				VAT @ 20%	
				TOTAL	

Rules for Booking

1. Booking to be accompanied by payment in full
2. A VAT invoice will be issued when booking is received
3. No monies will be refunded after 30 April but substitute delegate may attend if notified
4. Overseas delegates should ensure that payment is made in STERLING drawn on a UK bank
5. Payment may be made by cheque made payable to "Institute of Materials Finishing", by electronic transfer or by using VISA / MASTERCARD / AMERICAN EXPRESS. If you wish to pay by the latter method please complete and return details below:-

Please debit my **VISA** **MASTERCARD** **AMERICAN EXPRESS**

Name on card _____

Date of expiry ____ / ____ / ____ Amount in Pounds Sterling (£) _____

Amount in words _____

CARD NUMBER

Security Code

Signature _____

Date ____ / ____ / 2015

Delegate Name

Membership No.

.....

Membership No.

.....

Membership No.

Company

Sustaining Membership No.....

Address Postcode

Tel No Email address.....

Bank Details Lloyds TSB Sort Code: 30 00 03 Account Number: 02627432

The final conference brochure and a location map will be sent in due course by post or by email.

Address: Institute of Materials Finishing, Exeter House, 48 Holloway Head, Birmingham B1 1NQ

Tel: 0121 622 7387 Email: Exeterhouse@materialsfinishing.org