



IMFormation October 2013

**Christmas Lectures, Institute Awards, Christmas Luncheon
followed by the Annual General Meeting
and the Investiture of the New President**

**WEDNESDAY 4th DECEMBER 2013
BIRMINGHAM MEDICAL INSTITUTE
36 HARBORNE ROAD, EDGBASTON, BIRMINGHAM B15 3AF**

Order of Events

10.30 Registration, Coffee & Biscuits

11.00 Presentation by Professor Karl Scott Ryder, University of Leicester - "Electrolytic metal finishing for aerospace using DES Ionic liquids"

11.30 Presentation by Ken Griffiths - "Metals to Materials – the same but different!"

12.00 Presentation of Institute Awards

Gold Medal

Canning Bicentenary Award

Eddie Marlow Memorial

Westinghouse Prize

Jim Kape Memorial Medal

Connie Sieff Award

Johnson Matthey Silver Medal

Foundation Student Achievement

Technician Student Achievement

12:45 Christmas Luncheon

14.15 Annual General Meeting followed by the investiture of the new President and his inaugural address.

15.30 Event concludes

Health, Safety & Environment

REACH

The Stakeholders Input Initiative (SII) is a new joint effort by industry, manufacturers and downstream users (the Stakeholders) to ensure that their input is provided directly to ECHA, an agency of the European Commission, into the early stages of the REACH decision making process.

Sectors represented by the Stakeholders include the textile industry, air transport, energy and many intermediaries in the European industrial and valueadded supply chain, all of which are concerned with the impact a regulatory option endorsed by the Commission can have on downstream users of a variety of chemical substances. Collectively, various industrial associations account for more than 1.6 million jobs in Europe, the largest portion of which

are found in SMEs. Sectors are not only of strategic importance for the health of the current European economy, but essential to meeting the need for greater competitiveness, increased jobs and growth.

It is believed this initiative will enhance the REACH decision making process while ensuring that the competitiveness of the EU industry is taken into account before the Commission endorses an ECHA decision.

French Authorities proposal re Bisphenol and by inference other Bisphenols

The French authorities believe they now have evidence for Repr1A. This would make it meet SVHC criteria, and it is on the Registry of intent for Restriction for thermal papers in the first instance.

The end is nigh for Trichloroethylene After years of reviews, product reclassification and much argument this solvent has ended as Annex 14 of the REACH Regulations and has been given a deadline 'phase-out' date by end of 2014.

For decades it has been a 'workhorse' degreasant for the surface finishing industry.

ECHA

ECHA has received its first application for the authorisation under REACH for Bis(2-ethylhexyl) phthalate (DEHP) for use in the manufacture of aircraft engines as a stop-off during the diffusion Bonding of aero engine fan blades. Interested parties to submit relevant information on alternatives to ECHA by (9 October 2013) Board of Appeal annuls ECHA decision.

Appeal annulled because it failed to clearly and precisely communicate an important deadline in the decisionmaking process to the Registrant in due time. The Board has remitted the case to ECHA for re-evaluation. See website for more info.

ECHA – reclassification of Nitric Acid

Below link to website re proposal re possible change. See link below for website. http://echa.europa.eu/web/guest/opinions-of-the-committee-for-risk-assessment-on-proposals-for-harmonised-classification-and-labelling?search_criteria=nitric

Company News and Products

Pexa Ltd

Pexa, the specialist supplier of surface finishing materials to the energy and other high tech markets is delighted to announce its membership of the British Marine Federation (BMF). Pexa is a supplier of paints and other surface coatings for offshore equipment including wind turbines and other renewable energy platforms, oil rigs and other storage and exploration infrastructure.

Managing Director Jim Rowbotham said "Joining BMF puts us at the heart of the UK's marine community and will allow us to develop our know-how in the supply of products into this important sector. We look forward to participating and meeting our fellow members to learn more about what they do"

Pexa is also focusing on the marine and harbour sectors with its range of moisture cured urethane coatings, that offer 10 year durability on steel pile harbour walls, which can be immersed in water within 39 minutes of application and can be used to maintain harbour walls between tides without special equipment. In addition, an attractive range of colours can be used on bridges, railings and infrastructures around marinas, protecting them and providing a durable good looking appearance. Further information contact Jim Rowbotham, Tel: +44 (0) 1422 3144400

Chemetall

Chemetall – a global supplier of special chemicals with a focus on processes for surface treatment of metals and plastics, has become the sole owner of its Indian joint venture Chemetall-Rai having acquired the remaining 50% shares of its former partners. The joint venture was founded in 1995 with the families Rai and Nash. Joris Merckx, President of Chemetall said, “The acquisition is a further milestone in our growth strategy. As a sole owner we can react faster to the demands of the Indian market and further expand our surface treatment business in the Asian region”.

To keep pace with the growth dynamics on the Indian subcontinent, Chemetall-Rai invested in a second modern production facility in 2012. The new plant is located in Chennai, one of the most important automotive centres in the Indian subcontinent. In 2012 the company also acquired the chemical business of Gramos, a leading local player for surface treatment technologies in the Indian automotive industry.

Picodeon Ltd

A £5m investment from its backer Enso Ventures Ltd has helped Finnish coating technology specialist Picodeon Ltd accelerate the development and manufacture of its disruptive thin films and thin film deposition tools. In addition, they recently started a new project funded by TEKES (the Finnish Funding Agency for Technology and Innovation) with a value of over ??1 million. The investment will fund further research into thin film applications, as well as the production of a market-ready range of laser deposition equipment Picodeon’s patented Coldab coating technology is an advanced Ultra-Short Pulsed Laser Deposition (US PLD) process. Coldab enables high quality nanometre scale thin-film coating including materials such as metals, composites, oxides and polymers to be deposited on a vast range of substrates, where material is vaporised to form, in a laser-ablation process. to form a plasma plume and condenses on the substrate to form a thin film.

Workshop Galvanizing (part of Wedge Group Galvanizing Ltd)

The company was called upon to galvanize more than 600 tonnes of steel as part of the Liverpool to Manchester electrification project, which is set to upgrade some 350 km of track across the north of England.

The first phase of the project saw over 1000 steel components for the electric masts galvanized, to enable electric trains to run on the lines Surface Technology PLC – Confirmed their global commitment by opening a dedicated HQ in China for Integrated Process Solutions (IPS) a management and project division of the company. The aim is to serve the growing demand of the Far East to meet the needs of industries from automotive and aerospace to oil, gas, defence and renewable energy.

Hardide Coatings

Hardide A meets new EU and USA environmental standards and provides wear, corrosion, hardness, surface finish and surface bonding properties to hard chromium plating (HCP) which has been a mainstay of aerospace, heavy engineering, automotive and others. However, unlike HCP, it does not utilise hexavalent chromium salts whose use is being subjected to rising costs and regulations under EU REACH. More information email: info@hardide.com

IMF News

New members and Transfers



Representing finishing professionals in
surface engineering and coatings
since 1925



Member (MIMF)

Kimmins, Scott Loughborough University

Fellow (FIMF)

Banks, Richard Indestructible Paints Ltd

Swanwick, Michael Rolls Royce

New Sustaining Members

HMG Paints Ltd

Riverside Works, Collyhurst Road

Collyhurst, Manchester M40 7RU

Tel: 0161 205 7631

Email: sales@hmgpaint.com

Web: www.hmgpaint.com

Contact: Mr Steve Crossman, Director HMG are a leading independent UK manufacturer and supplier of specialised industrial and transport coatings. They are also a leading toll manufacturer and are the paint companies 'paint company'.

Metal Finishing Association- Nasik

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Professional Institute in India

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Contact: Mr Chris Lines, Managing Director

Dyne Technology Ltd specialises in the supply of affordable plasma surface treatment and robotic automation solutions to companies manufacturing or processing metal composites, plastics and rubber components.

Bellurgan Precision Engineering Ltd

Bellurgan Point, Dundalk, County Louth, Ireland

Tel: 00 353 429371418 Fax: 00 353 429371761

E-Mail: john.mullen@bellurgan.com

Web: www.bellurgan.com

Contact: Mr John Mullen, Business Development Manager

A manufacturer of precision machined parts for the medical device, aerospace and industrial sectors.

International Safety Components

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Representing finishing professionals in
surface engineering and coatings
since 1925



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E-Mail: alan@iscwales.com

Web: www.iscwales.com

Contact: Mr Alan Williams - H & S Manager

ISC specialise in the design and manufacture of safety critical engineered components which are finished to the highest standards using standard/ hard anodising, powder coating, Xylan/Hexavalent/E-P plating and Ionbond.

Out and About

Series of events promoting and explaining Horizon 2020 funding programmes:

Nanotechnology & coatings Industry, **8 October**, Belfrey Hotel Nottingham

Battery Manufacturing 2013, **24 October**, Warwick University

Nanotechnology: Partnership for Progress, **29 October**, BIS, Victoria St, London