



Representing finishing professionals in
surface engineering and coatings
since 1925



IMFformation December 2010

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

Wednesday 8th December 2010 Birmingham Medical Institute
36 Harborne Road, Edgbaston, Birmingham B15 3AF

Order of Events

- 10.30 Registration, coffee & biscuits
 - 11.00 Guest Speaker presentation -
'An Era of Greatness' by Professor Felix Schmid
 - 11.50 Presentation of Institute Awards
 - Canning Bicentenary Award
 - Eddie Marlow Memorial Medal
 - Westinghouse Prize
 - Samuel Field Medal
 - Gold Medal
 - 12.45 Lunch
 - 14.15 Annual General Meeting followed by the investiture of new President
 - 15.30 Event concludes
- Last chance to advise Exeter House that you will be in attendance

The Institute wishes all their membership a Happy Christmas and a prosperous New Year

Dr Sheelagh Campbell Memorial Symposium on Interdisciplinary Electrochemistry

The Institute of Materials Finishing, in association with the Royal Society of Chemistry's Industrial Physical Chemistry Group and the Institute of Solar Fuels within the Helmholtz Centre, Berlin are organising a symposium at the Royal Society of Chemistry, Burlington House, London on:

Friday 21 January 2011 11:00 am to 4:30 pm.

The Symposium is intended to cover contemporary aspects of electrochemistry including emerging and innovative science and technology in our own fields. Professional associates of Sheelagh Campbell and other authorities from home and abroad are invited to contribute, by presentation or in discussion.

Volunteers from the IMF are welcome!

Attendance, including luncheon is free, but it is necessary to register your intention to attend through Dr Matthew J Baker at: mjbaker@dstl.gov.uk

Company News and Products

Enthone Ltd

Enthone have launched a new environmentally friendly trivalent chromium plating process – the 'Trilyte Dusk' system. The process deposits a dark, decorative chromium layer over bright or satin nickel deposits. The 'warm' coloured coating is said to be ideal for a diversity of decorative automotive and household applications where fashion finishes are critical for



product differentiation.

The process passes 80 hours CASS (in conjunction with multi-layer nickel systems) thus meeting most OEM exterior specifications.

The use of graphite anodes minimises high start-up and maintenance costs and meets local environment standards with decreased costs due to reduced water and air treatment requirements.

The deposit is said to be consistent over the normal CD range and is UV stable whilst the process is tolerant to current interruption.

For further information contact

Enthone: Email: abarlow@cooksonelectronics.com

Web: www.enthone.com

Turbex Limited

Turbex have recently released a Versatile, Entrylevel Cleaning Machine which is ideal for those manufacturers with limited funds or restricted floor space. The new MAFAC Pico aqueous spray washing machine offers effective batch cleaning in a footprint of little over one square metre. The machine is compact with a hinged front door, which doubles as a loading/unloading platform. The machine is constructed with extensive use of stainless steel and has a rotating basket and fixed spray arm and after component cleaning it delivers a pulsating blast of heated air which optimises drying. Programmable control allows a variety of sequences with load capacity 70 Kg.

For further details contact : John Huntingdon:

Tel: 01420 544909 or

Email: john.huntingdon@turbex.co.uk

Exova This materials testing and advisory specialist has invested £40,000 in a state-of-the art corrosion testing facility at Dudley, West Midlands. Exova believes that there is insufficient capacity for corrosion testing within the industry and has made this investment in order to greatly increase its own capacity for testing as well as to enhance its service to industry.

Further details from: www.exova.com

IFS Coatings

The US Company, NanoHorizons Inc. is to supply its 'SmartSilver' antimicrobial additives to this company for its range of antimicrobial powder coatings. A subsidiary of the CFS Group, this company manufactures a wide variety of powder coatings for the global market.

Further details from: www.smartsilver.com

Almetron Ltd

Almetron manufacture a large range of pre-treatment and process chemicals for use by the metal finishing industry, plus ancillary equipment for chemical dosing and work handling. They are pleased to announce the appointment of Mr Ian Rogers as Managing Director.

IMF News

Foundation Module

A further unit has been added to the list of units that are available for study – Electroforming. This unit will be one of the optional units that students may elect to study. Syllabus includes: Basic steps for the production of a component; Appreciation of the capabilities & limitations Awareness of the applications of electroforming Know the electrolytes most often used for electroforming Awareness of the mandrels used for electroforming.



New Members & Transfers

Affiliate

Ashmore, Jessie Banton, Marcell
Dabrowska, Natalie Johnson, David
Loftus, Robert Williams, Stacey
All Poeton Technologies
Shuker, Ian Consultant

Fellow

Gill, Nigel Rolls Royce plc

Examination Results

Foundation Certificate - September 2010

Arnett, Patrick * Crumley, Martin *
Friel, John Gillespie, Bridgeen
Hughes, Gareth Irvine, Colm*
Keenan, John Lynch, Jonathan #
McCann, Ruairi McCarney, Colin *
McCaul, Ciaran # McClean, Sean
McCourt, Peter * McDonald, Jim *
McGlinchey, Kevin * McLaughin, Mickey #
Pollock, Alastair Pyne, Kevin
Radcliffe, Brian Spratt, Jonathon *
White, Gary *
All Seagate Technology (Northern Ireland)

Distance Learning – Material Science Shaw, Richard SAPA Components (Pressweld) Ltd
Has also been awarded the Advanced Technician Certificate

* pass with merit # pass with distinction

Next Enrolment. The next date for students to enrol for study of any of the modules is:
Thursday 3rd February 2011

Prospective students should contact David at Exeter House – Tel: 0121 622 7387 or
Email: karen@materialsfinishing.org

New Sustaining Members

ELGA Process Water

Marlow International, Parkway
Marlow, Bucks SL7 1YL
Tel: 01628 897 000, Fax: 01628 897 001
Email: ian.morby@veoliawater.com
Web: www.elgaprocesswater.co.uk

ELGA Process Water is part of Veolia Water Solutions & Technologies (VWS), a subsidiary of Veolia Water, which is one of the world's major providers of technical solutions and facilities for water treatment. The ELGA Cylinder Exchange Service (SDI) is now available via the online shop and is a flexible, simple and sustainable way to supply a wide range of metal finishing applications with high quality purified water, delivered at a flow rate to suit individual needs.



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Hach Lange LTD

Pacific Way, Salford M50 1DL
Tel: 0161 872 1487, Fax: 0161 848 7324
Email: info@hach-lange.co.uk
Web: www.hach-lange.co.uk

Hach Lange offer services of water analysis, QC & effluent solutions to metal/metal finishing companies. Key parameters covered include COD, aluminium, cadmium, chromium, copper, nickel and zinc and surfactants.

Metrohm UK LTD

Metrohm House, Evenwood Close
Daresbury Court, Runcorn
Cheshire WA7 1LZ
Tel: 01928 579 600, Fax: 01928 532 371
Email: hdavey@metrohm.co.uk
Web: www.metrohm.co.uk

Metrohm are a leading manufacturer of precision instruments for chemical analysis. They develop tailor-made applications for customers to safe-guard the quality of products, comply with regulations and optimise processes.

BAE Systems (Military Air Solutions)

S230 Building, Samlesbury Aerodrome
Balderstone, Blackburn
Lancs BB2 7LF
Tel: 01254 835565
Email: ian.kitson@baesystems.com
Web www.baesystems.com

Military Air Solutions is a through life business which delivers advanced military capability in the UK and overseas. Proven capability in prime contracting, system integration, manufacture and maintenance and repair.

Out & About

Surface World & Correx 2011

1st – 3rd November 2011
NEC, Birmingham
Don't wait until it's too late – reserve your stand NOW and secure the best possible position at the show.
For more information – contact Nigel Bean, Exhibition Sales Director, Hill Media Ltd
Tel: +44(0)1442 826826 or
Email: Nigelbean1@aol.com

Safety & Health Expo

17th – 19th May 2011
NEC, Birmingham
www.safety-health.co.uk

IMFAIR 2011

14th – 16 June 2011



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RAF Cold War Museum, Cosford The Surface Finishing event for the Aerospace and Defence industries.