



## IMFormation June 2011

### IMFair 2011

Prestigious June finishing event promises to reach new heights

IMFair 2011 is the premiere UK event for surface finishing in the aviation and defence industries, which takes place at the RAF Museum Cosford June 14 through 16. The event promises to connect surface finishing applicators, researchers, specifiers, suppliers and endusers, ensuring they can meet and share cutting edge developments.

Organised by The Institute of Materials Finishing, this year's event being held over three days builds on the success of IMFair 2009, which attracted over one hundred industry professionals. An impressive list of high quality technical papers will be presented by many well known names from the aerospace and coatings world, ensuring a full conference programme is on offer to delegates.

A dedicated exhibition which is FREE to attend, provides quality networking with like minded professionals. Everyone is welcome to come along and use this ideal opportunity to connect with major suppliers, who will be showcasing their latest products and innovations.

A full event programme has already been announced, more information, conference booking forms and tickets to the exhibition are available from the Institute web site at [www.instituteofmetalfinishing.org/imfairhome.htm](http://www.instituteofmetalfinishing.org/imfairhome.htm) or contact:

Ken Hoare Tel: 0121 622 7387, or by email to: [ken@materialsfinishing.org](mailto:ken@materialsfinishing.org)

### Health, Safety & Environment

#### Occupational work place injuries

New figures released at the end of last year show that Britain has the lowest rate of fatal occupational injuries in Europe and one of the lowest levels of work-related ill health. There was a reduction of 27 fatal injuries from the previous year and reduction of 1,800 major injuries.

Commented Judith Hackitt the Chair of HSE "It is encouraging to see further reduction in the number of people being killed and seriously injured at work. We now need to ensure that the improvements which are being made continue. Every statistic represents an individual or a family which is now suffering as a result of health and safety failings at work.

Britain remains one of the safest places to work in the EU and we are rightly proud of this record. The challenge now is to focus on those areas where improvement is slow to emerge."

#### Explosion risks when cutting up drums and containers

HSE issues a safety alert on the risk of explosion when cutting up containers that may have contained flammable or combustible materials. The HSE is not issuing new guidance but companies should be aware and familiar with the advice that already exists.

#### Government Budget changes

Minimum price for carbon coming into effect from April 2013 will start at £16 per tonne of CO<sub>2</sub> year on year to £30 per tonne by 2020.

Electricity generated by Combined Heat & Power and supplied indirectly to energy customers will no longer be levy free from April 2013.



Climate Change Agreements to non-domestic users of electricity and gas remain at published levels but will be increased by the Retail Price Index from April 2013.

## Company News and Products

### Exova

Exova introduces new laser scanning technology and becomes the first testing firm in Europe to invest in new innovative scanning extensometers to be used on its new tensile frames after installing the machinery at its laboratory at Spijkenisse, Netherlands. This is part of a £60,000 investment in improving the business's tensile testing services.

For further information Tel: 01772 888400

### National Physical Laboratory (NPL)

*Improving Electronic Reliability – Through Product & Process Qualification at NPL*

NPL's Electronic Interconnection Group will be presenting eight technical webinars over the coming months as well as hosting a European Technical Seminar at its facility at Teddington, UK on Tuesday 29 October.

These FREE online webinars enable you or a team at your company to draw on years of practical experience without leaving your desk. They focus on test methods used in industry to monitor or help evaluate possible failure modes in electronic assemblies.

Alternatively, you can attend the annual seminar and tabletop exhibition in October.

Each webinar lasts for approximately 60 minutes and can be booked online at: <http://www.npl.co.uk/ei>

### Elsyca

*Galvanic corrosion prediction* Whether surface coatings are fundamental or decorative, the designer needs to know the impact of the operational environment such as humidity, rain or salts etc on the coating appearance and integrity. Elsyca have launched Galvanic Master, a simulation software tool used by designers to predict galvanic corrosion risk zones and corrosion rates on complex metal assemblies.

This enables engineers to assess the combination of material choice and design on corrosion resistance, ensuring the customer benefits from continual safe operation and product readiness.

Elsyca a Belgium-based company, is an engineering innovation partner of choice in the domain of cathodic protection and AC mitigation, corrosion evaluation and troubleshooting, surface finishing and electrochemical manufacturing processes. Tel: +32 16 47 49 60

### Elcometer Limited

Elcometer announces the launch of the Elcometer 2250 Krebs Viscometer for the measurement of paints, varnishes, adhesives, pastes and liquid inks at the touch of a button. It is accurate to +/-1% and offers users both manual and automatic Krebs viscosity tests, displaying results on screen in grams or centipoises. Reliable and consistent results can be achieved using the instrument's 'automatic' mode – ideal for continuous testing by simply positioning the sample on the support and pressing 'Start'.

Further details – email: [sales@elcometer.com](mailto:sales@elcometer.com)

### BGJF New President

A past chairman of the Surface Engineering Association - Martin Olsen - will be installed as President of the British Giftware & Jewellery Federation at the AGM to be held on June 23 at the National Exhibition Centre, Birmingham, when he succeeds David Metcalfe who will become deputy president.



### **Fight to save Assay Office**

The Government, under its 'red tape challenge', aims to scrap hallmarking of precious metals.

This would leave customers vulnerable to being ripped off when buying jewellery and the closure of Assay Offices.

We, in the Institute have seen many examples of the reduction in quality standards with respect to surface finishing imported from abroad. It is important that items made from precious metals do contain the metals in a specific quality.

Readers can respond to the proposal on the website

at [http://www.redtapechallenge.cabinetoffice.gov.uk/hall\\_marking/](http://www.redtapechallenge.cabinetoffice.gov.uk/hall_marking/)

### **New Members & Transfers**

#### **Affiliate**

Dijkstra, Camelia Coventry University  
Hoodless, Roger BAE systems  
Anderson, Chris Arnold, Christopher  
Colson, Ryan Ellis, Benjamin  
Ford, Jason Gawronski, Damian  
Grimes, Mark Hill, Kevin  
Hughes, Brian Jones, Martin  
Kent, Stephen King, Roi  
Moules, Angela Perry, Philip  
Phillips, Michael Richards, Karl  
Warren, Ricky  
Abbey Metal Finishing

#### **Tutored Foundation Certificate at Poeton Industries Ltd**

Ashmore, Jessie Banton, Marcell Brooks, Heather# Johnson, David\* Loftus, Robert Williams, Stacey

\* pass with merit, # pass with distinction

#### **Apologies**

Apologies are issued for some printing errors in the April newsletter.

Under Examination Results – January 2011

Adams, Jamie works for Protect Finishing Ltd

Banks, Stephan works for Metafin Group

Also website for new Sustaining Member Interplex should have read [www.interplex.com](http://www.interplex.com)

William Waugh contact e-mail is [william.waugh@uk.interplex.com](mailto:william.waugh@uk.interplex.com)

### **New Sustaining Members**

#### **Eco FS Ltd**

Tamar Science Park

1 Davy Road, Plymouth PL6 8BX

Tel: 01752 762123

Email: [info@ecofs.co.uk](mailto:info@ecofs.co.uk)

Web: [www.ecofs.co.uk](http://www.ecofs.co.uk)

Eco FS provides Solveco degreasing and filtration systems designed to replace solvents such



as Trichloroethylene and Perchloroethylene. Solveco degreasing is approved by the aerospace, medical, nuclear and oil and gas industries.

### **Jürgen Batsch Maschinenbau Apparatebau**

Feldstr 2, 53340 Meckenheim,  
Germany

Tel: +49 2225 5722, Fax: +49 2225 17191

Email: [ch.batsch@batsch-maschinenbau.de](mailto:ch.batsch@batsch-maschinenbau.de)

Web: [www.batsch-maschinenbau.de](http://www.batsch-maschinenbau.de)

Solution for your solvent: We are a manufacturer of vacuum distillation units. A direct connection between our distillation units and your solvent degreaser will optimise the degreasing process, increasing throughput and surface purity of the parts to clean. This solution will reduce waste, lower energy consumption and decrease purchase requirements for solvents and stabilisers, whilst minimising operational downtimes.

## **Out & About**

### **IMFair 2011**

14th – 16 June 2011

RAF Cold War Museum, Cosford

The Surface Finishing event for the Aerospace and Defence industries. Further information:  
[www.instituteofmetalfinishing.org](http://www.instituteofmetalfinishing.org)

### **6th Annual leMRC Conference**

21st September 2011, Holywell Park

Conference Centre Loughborough

The day will showcase the research funded by the Centre and will include presentations from both International and National speakers, table top exhibitions and poster displays of work funded by current and previously funded projects.

The day provides an excellent opportunity for industry and academia to discuss sector issues and potentially form collaborations.

The event is free and open to everyone; just sign up in advance!

Tel: +44 (0) 1509 2276 88 or Email: [iemrc@lboro.ac.uk](mailto:iemrc@lboro.ac.uk)

### **Surface Engineering Association**

Conference, Exhibition & Dinner

14th October 2011

Marriott Forest of Arden Hotel

Presentation include:

Industry Trends & Growing Market in the UK

Quality & Assurance

Disaster Planning

Commercial Insurance

Safe Chemical Storage

Biological Monitoring

Jet Engines and the Future

REACH

To attend or exhibit please contact Diana Blair on 0121 237 1123 or  
email [diana.blair@sea.org.uk](mailto:diana.blair@sea.org.uk)



Representing finishing professionals in  
surface engineering and coatings  
since 1925



## **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](mailto:Nigelbean1@aol.com)