

TWO ESMA PAVILIONS AT DRUPA 2016 | FREE INKJET WORKSHOPS | GENERAL ASSEMBLY
NETWORKING DINNER | HSEP NEWS BULLETIN | PARTNER EVENTS



Two ESMA pavilions show the power of industrial printing at drupa 2016

Twenty ESMA members participate in our pavilions in hall 3 and 6 at world's largest print show. Everyone is welcome to visit ESMA Lounge for networking, expert sessions and... the European Championship in table football.

With a great support from both new and well-established members, ESMA will be present in two pavilions at drupa 2016. The pavilion in hall 3 is dedicated to functional and industrial printing with companies such as SPS demonstrating screen printing equipment used for food decoration (e.g. chocolate), flexible circuits, security printing and other special effects achievable at high operation speed. SPS's partner ATMA will showcase latest developments in fully automatic, camera controlled machines for conductive and technical printing. German specialist in stencils, KIWO, will present printing of pressure sensitive adhesives with high electrical conductivity. A variety of decoration techniques for glass and other rigid materials will be in the spotlight in the ESC booth.

ESMA Lounge in hall 3 will turn into knowledge and networking hub for everyone involved in functional and industrial printing or those players from across the supply chain who consider expanding their portfolio with industrial applications. During daily expert sessions our technology partners and consultants will offer advice and technical talks on textile printing, digital inkjet, colour calibration and other specific topics. By the end of the day the focus of lounge visitors will move towards networking with the very first ESMA table football tournament inviting both members and representations of other companies to compete on a different ground.

As drupa's strategic partner for the PEPSO (Printed Electronics Products and Solutions) concept, ESMA will showcase innovations in printing through exhibitors in our pavilion in hall 6. Color Passport will present their revolutionary approach to colour management and reproduction on different substrates. Another experts in colour management, ColorGate, come to the show with all-in-one solution for the creation of ICC profiles especially in industrial digital printing applications. Intrinsic Materials, a specialist in nanomaterials, will show their achievements in conductive inks and printed electronics components applied by the medical industry, such as e.g. disposable testers with smart tags.

We are looking forward to welcoming you in ESMA pavilions between 31 May and 10 June 2016!

ESMA pavilion in hall 3: EPTA | ESC | Fimor | Global Inkjet Systems | Hurtz | K-Flow | KIWO | Lotus Holland | Martinenghi | PVF | Saati | Sefar | SPS | Technigraf.
ESMA pavilion in hall 6: Caddon | ColorGate | Color Passport | Intrinsic Materials | Print-Concept | Teckwin.



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Free inkjet workshops at TheIJC 2016

In its third year The Inkjet Conference is a well-established focal point for all technologies and applications related to inkjet. With the ever growing interest for the conference topics, the organisers introduce six half-day workshops the day before the main event.

Those new to inkjet will get the chance to attend an introduction workshop. Printhead operation, ink types and typical applications are among the covered topics – all of them supported with practical demonstrations. ImageXpert will chair a hands-on masterclass in waveform tuning where participants will be given the opportunity to see how printhead voltage, temperature and the waveform impact the drop formation and how to measure and quantify the results. From the basics to complex issues, the workshop on colour management will work through such topics as ICC profiling and metamerism. Further sessions will thematise functional fluids, speciality effects in textiles and the adoption of inkjet in the packaging sector.

The workshops take place on 4 October 2016 in the conference venue, Swissôtel Neuss/Düsseldorf and are free for the first 100 delegates who book during the early-bird action until 30.06.2016. First come first served rule applies. Book at www.theijc.com

Can't wait until October? You may still watch dozens of presentations from 2015 edition, all recorded with speaker's audio. Visit www.theijc.com/shop to choose and order the recordings.

Notification to Poison Centres, Draft Regulation

HSEP News Bulletin by Elaine Campling, the Product Safety Manager of Fujifilm Speciality Ink Systems, chair of ESMA Health, Safety and Environmental Protection Committee.

ESMA members may already have been circulated with the EU Commission draft regulation and new Annex VIII to CLP on the harmonised requirements for notification of hazardous mixtures to poisons centres, by their national authorities or trade associations. National authorities are requesting comments from stakeholders on the draft documents with a limited response time, as they are due for discussion at the next REACH Committee meeting on 16-17 March 2016, with a vote expected in April.

The impact of the regulation will depend on whether you supply mixtures for consumer, professional or industrial use. Suppliers of industrial mixtures benefit from extended timescales, with notification commencing on 1 July 2023 (and a sunset period until 1 January 2025) and the option of limited notification (consisting of the safety data sheet), providing "rapid access to additional product information" is provided by means of a 24/7 emergency response telephone number.

Suppliers of hazardous mixtures for non-industrial use, and industrial mixtures where a 24/7 emergency contact is not in place, will find that the proposed regulation significantly limits generic notification for products such as printing inks, which differ only in the level of pigmentation, since the cut off is 10% for the generic components of the mixture.

Printing inks and other products containing substances with generic identifiers often exceed this limit, meaning that each product within a range will need to be notified to the poison centres. Notification must be in the official language, or languages of the Member State where mixture is placed on the market (unless otherwise allowed).

The next HSEP committee meeting takes place on 22 April 2016 in Rome. All ESMA members are welcome to participate in the committee meetings and benefit from sharing Information, knowledge and working together to manage complex regulatory issues. Please contact us at bc@esma.com to register your attendance.

Save the dates for ESMA confereces

ESMA major events to return in autumn 2016 and 2017



The Inkjet Conference, 5-6 Oct 2016



Direct Container Print, 27-28 Nov 2017



GlassPrint, 29-30 Nov 2017

ESMA General Assembly

Networking with ESMA in Budapest

Several dozen of European screen and digital print equipment manufacturers, material suppliers and consultants will come together on 7-8 April 2016 in the beautifully designed Continental Hotel.

Event's agenda includes a forum discussion on future development of the association and presentation of the latest activities. ESMA members can still register their attendance and see who has already confirmed at www.esma.com/ga2016

On Thursday, the 7 April 2016, an exclusive networking dinner will close the day. The evening will start with a welcome drink and keynote presentations on textile printing (the speakers are currently being confirmed).

We have 20 gratis invitations for the networking dinner to be distributed among non-member guests. We invite one person per company, every additional delegate can participate for €65. If you or your colleagues and business partners are interested in taking advantage of this unique opportunity to meet with the elite of European industrial printing community, please write to info@esma.com



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DID YOU KNOW?

THERE ARE THREE LEVELS OF ESMA MEMBERSHIP

- 1 If you are a manufacturer and your company's sales turnover exceeds €5 million per year, the full ESMA membership fee is €3 900 per year.
- 2 If your company's sales turnover is less than €5 million per year, the fee is €2 000.
- 3 If you are a reseller, distributor, consultant, printer or developer you may join us as Technology Partner and pay the membership fee of €500 per year.



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Teckwin - short introduction

Shanghai Teckwin Technology Development Co., Ltd was founded in 2001 in China. The company delegated for various solutions from ceramic to flooring, wall wrapping and textile. The latest launch is inkjet solution for packaging of corrugated materials. Teckwin has achieved ISO 9001:2008 and all products are CE certified.

EPTA inks - the partner for industrial printing

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ESMA at glasstec and K show

ESMA will be present on glasstec (20-23 September 2016) and K show (19-26 October 2016) with pavilions dedicated to printing and decoration. We welcome you to our pavilion in hall 12 at glasstec together with Encre Dubuit, Gallus/Heidelberg, KIWO, Pröll, PVF, Saati, Sun Chemical and Tiflex. The smaller pavilion at K is located in hall 4 (machines and equipment for plastics industry) and includes Gallus/Heidelberg, Marabu and Sun Chemical.



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Printed Electronics Europe

27-28 April 2016, Berlin, Germany

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By entering ESMA-25 into "promotional code" section on the registration page, ESMA members can enjoy a 25% discount on all conference and masterclass tickets.

www.printedelectronicseurope.com

Smart Lighting & Smart Sensing

24-26 May 2016, Milan, Italy

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The premier global networking conference and showcase for intelligent lighting business, technology and application development brings together the key stakeholders in the emerging field of wired, wireless and mesh sensor networks. A must-attend event for everyone involved in printed electronics, smart surfaces and printed interior decoration.

ESMA members enjoy a 15% discount on the standard delegate fee of € 950.

Please contact Jay van den Kieboom (jay.vandenkieboom@innovationfab.com) for the discounted booking.

www.smartlighting.org

www.smart-sensing.org

European Digital Textile Congress

15-16 September 2016, Ghent, Belgium

Organised by Unitex in collaboration with University College Ghent, the event follows up on a series of three previous successful editions. The objective of this European symposium is to provide a fruitful platform for cross-disciplinary exchange on cutting-edge developments in the field of digital technologies. It brings together experts from academic, design, components (hardware, software, inks, peripheral instruments), fashion and textile industries in order to communicate their latest results. The congress will cover all aspects of digital technologies such as basic components as well as applications, in established and emerging fields.

www.digitaltextilecongress.be

International research project "Paperonics" - call for proposals and partners

Printing on paper is a standard procedure that is quite well understood. A logical next step is printing of functional inks on paper towards "Paper Electronics". A large proportion of the products targeted nowadays in printed electronics are currently made of paper for magazines, healthcare disposables, active and intelligent packaging, posters, etc. There is an increasing interest in printing electronics on or in paper, and commercial products have appeared such as the numerous paper playing cards enabling interface with computers or the disposable active skin patches using printed paper battery and electrodes. Other known examples include sensors, indicators and RFID systems on packaging to monitor the condition of products at different points in the supply chain. The purpose of this project is to demonstrate that most of these components can be printed using functional inks onto fiber-based substrates. This project will deliver a horizontal platform that allows the fabrication of a range of paper-based electronic devices, from transistors to sensors, batteries, RFID-tags and light-emitting devices. This provides a significant enhancement of paper electronics in terms of lifetime, cost, throughput, as well as the development of European markets. **Printable Electronics for Functional Packaging & Paper Applications "Paperonics" applies for the support within the European CORNET call and is coordinated by IMO-IMOMEC Hasselt University, Belgium. The submission date is September 2016. Companies and research institutes interested in partnership should contact Prof. Wim Deferme at wim.deferme@uhasselt.be.**