



Fecha: 16 de octubre de 2018

INFORMACIÓN SOBRE LA CONFERENCIA ANUAL DEL WCPC _ PRINTING TECHNOLOGY UPDATE

Buenos días,

Por la presente os adjunto la información sobre la Conferencia anual del WCPC (Welsh Centre for Printing and Coating) de la Universidad de Swansea que tendrá lugar el 5 de noviembre en Swansea (UK).



WCPC 14th Annual Technical Conference

Date: 5th November 2018

Venue: Energy Suite, Village Hotel Club Swansea, Langdon Road, Off Fabian Way, Swansea.
SA1 8QY

The conference is an opportunity to view the latest WCPC research in printing technology, to discuss the findings with researchers and to network with like-minded industrial delegates. Each presentation will be a technical paper based on latest results and analysis derived from controlled experiments and numerical models. The presentations will be delivered by experienced scientists, renowned lecturers and research students.

The conference is hosted by the Welsh Centre for Printing and Coating (WCPC) in association with icmPrint Ltd. WCPC is a world renowned research centre dedicated to advancing the understanding and productivity of all aspects of printing and coating. WCPC enhances the understanding of the printing and coating processes, exploits novel manufacturing using printing and applies its scientific findings to the benefit of its global industrial partners. With extensive experience in packaging and graphics printing the WCPC has built on this knowledge and become a centre for functional materials, plastic electronics and bio printing.

The conference will be held at the Village Hotel Club Swansea <https://www.village-hotels.co.uk/hotels/swansea/>. The venue has free ample parking. There is a conference rate for accommodation £88 B&B basis subject to availability. Accommodation is the responsibility of the delegate and can be reserved by calling + 44 (0) 1925 873284 and quoting the reference code of 28810

The conference rate will be £90 + VAT.

WCPC associates will have one complimentary delegate seat and will be entitled to a discounted rate for any additional delegates that are registered and paid via the associate company.

The delegate registration fee covers the conference attendance and refreshments.

For further details and how to register please visit:
<http://wpcpswansea.com/> or <http://www.icmprint.com/>

AGENDA

Session 1 – Rheological Characterisation		
09:00 - 09:20	The effects of plasma functionalization on the print performance and time stability of graphene-nanoplatelet inks	Andrew Claypole
09:20 - 09:40	Using advanced rheology to link mechanical properties of model screen inks with print outcome	Alex Holder
09:40 - 10:00	Control of flexographic print properties through tailored ink rheology	Miles Morgan

10:00 - 10:20	Title TBC	James Claypole
10:20 - 10:40	Refreshment Break	
Session 2 – Printed Sensors		
10:40 - 11:00	The application of smart packaging in the food industry for spoilage detection and extended shelf life in high value food products	Caitlin McCall
11:00 - 11:20	Development and evaluation of low-cost solutions for urban air quality management	Sam Lewis
11:20 - 12:00	Aerosol jet deposition of printed electronics	Ben Clifford
12:00 - 12:20	Hybrid coatings based on nanocellulose/silver nanowires to develop barrier and antimicrobial properties for active packaging applications	Hugo Spieser, David Gethin
12:20 - 13:20	Lunch	
Session 3 – Functional Printing		
13:20 - 13:40	Interaction of Formulation with the Performance of Functional Inks and Resins	David O'Connor
13:40 - 14:00	The effect of screen printing parameters on print quality	Sarah-Jane Potts
14:00 - 14:20	Technical validation and feasibility of combined planarising and insulating intermediate layers for BIPVs	Tatyana Korochkina
14:20 - 14:40	Expanded Gamut Optimisation for UV Flexographic Inks	Andrea Greenacre
14:40 - 15:00	Refreshment Break	
Session 4 – Battery Technology		
15:00 - 15:20	"Printed Batteries for Smart Packaging Solutions"	Patrick Rassek (via Skype)
15:20 - 15:40	Formulation of NASICON as a solid electrolyte for a sea water open cathode battery	Amir Jalalian-Khakshour
15:40 - 16:00	Investigation of carbon coatings to function as protective layers for current collectors	Brent de Boode

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