

## Digital Print Europe 2018

17-20 September 2018 Novotel Barcelona City Hotel | Barcelona | Spain



The strategic business and technical event for the inkjet industry

## Digital Printing Conference

#### Wed 19 - Thu 20 Sept 2018

The IMI Europe Digital Printing Conference is the flagship strategic conference for the inkjet industry, trusted as a primary source of high value information by senior executives and commercial managers for more than 15 years. This two-day event includes the following elements:

- Market briefings from leading analysts
- Updates and views from industry pacesetters
- Perspectives from key end users
- New technology introductions from inkjet innovators

As well as formal presentations, the conference programme includes panel sessions covering key topics, with the panels comprising and chaired by industry leaders.

### **Inkjet Academy**

#### Mon 17 – Tue 18 Sept 2018

Basic knowledge of any industry is essential to its development. The Inkjet Academy covers the fundamentals of inkjet technology and the key applications, players and markets, giving your understanding of the industry an expert start.

The course will show you how printheads work, the materials used in their fabrication and the theory of their operation. You will also learn how inks are formulated and used, as well as about ink supply and support systems. The course examines how drops are formed, travel and behave on the substrate surface. Fundamental aspects of printer operation such as nozzle maintenance and print quality are also covered.

# Market Reports Live Digital Textile Printing

#### Tue 18 Sept 2018

Textiles is now an established major market for digital printing and, with some of the highest growth figures in the industry, digital textile printing continues to offer opportunities. With continued development comes uncertainty and mixed messages for those wanting a clear picture of what is really happening. What is the true growth within the market? What is the scope of digital textile printing in the future? What is really feasible today for printers and designers? Come and find out from WTiN experts Tansy Fall, Mutlu Chaouch Orozco and Madelaine Cornforth.

### Market Reports Live Digital Packaging Printing

#### Tue 18 Sept 2018

Packaging printing is considered by many to be the digital application with the greatest future potential, due to the high total volume of printed packaging and the significant added value to be gained from digital printing. Brand owners are looking for options to respond rapidly to consumer demands, personalise packaging and innovate. Yet adoption has been held back in many cases by technological, cost, safety and regulatory concerns. Industry expert Ron Gilboa from Keypoint Intelligence-Infotrends gives an overview of the current situation with an in-depth look at the market requirements and dynamics, technology advances and challenges.

## **Inkjet Academy**

#### Monday 17 - Tuesday 18 September 2018

#### **COURSE FOCUS**

Understanding the basics is essential to any industry's development. The Inkjet Academy one-and-a-half day course covers the theory behind the many types of inkjet technology used today and aims to give your understanding of the industry an expert start.

The course will show you how printheads work, the materials used in their fabrication and the theory of their operation. You will also learn how inks are formulated and used, as well as about ink supply and support systems.

The course examines how drops are formed, travel and behave on the substrate surface. Fundamental aspects of printer operation such as nozzle maintenance and print quality are also covered.

The course assumes a basic scientific knowledge and is designed to provide useful background information for anyone entering the inkjet industry, seeking an update on today's technology or looking for further fields of development.

#### **Monday 17 September 2018**

12.30 – 13.30 Registration 13.30 Course begins

#### Introduction to inkjet

- · Course overview
- · Types of inkjet technology
- Drop on demand technologies
- Thermal and piezo inkjet
- Evolution of inkjet markets
- · Inkjet patents

#### Inkjet ink technologies

- Ink types: aqueous, solvent, oil, phase change & UV cure
- · Dyes & pigments
- Inkjet ink formulations

#### DOD printhead technologies

- · Thermal inkjet
- · Piezo inkjet
  - · Piston mode designs
  - Roof mode actuators
- Stacked piezo technology
- Shear mode designs
- · Silicon printheads

#### Inkjet ink design

- Inkjet ink design
- · Understanding the inkjet printing process
- · Drop formation
- Properties influencing piezo inkjet ink performance
- Testing an ink for reliability: methods & characterisation

17:30 Session ends 18:00 - 19:00 Reception

Join us for beers, wines and good company!

#### **Tuesday 18 September 2018**

09.00 Course begins

#### **Printhead operational issues**

- · Drop placement accuracy
- · Drop ejection frequency
- Crosstalk
- Reliability
- Life issues

#### Inkjet ink materials and dispersions

- Range of materials and ink chemistries
- · Evolution of inkjet inks
- · Evolution of dyes
- Pigments and dispersion technology
- · Dispersion theory
- · Polymers and additives
- · Processes and manufacturing

#### Print and image quality

- · Factors affecting print quality
- · Printhead-ink-substrate
- · Greyscale methods
- · Drop detection
- Missing nozzle compensation

#### UV ink chemistry and curing

- · UV curable materials
- Monomers
- Oligomers
- · Photoinitiators
- · UV curing
- e-beam curing
- Print quality issues with UV inks

12.30 – 13.30 Lunch 13.30 Session begins

#### System design issues

- Industrial ink supplies
- Bubble control
- · Nozzle maintenance
- · Mist conrol

#### **Inkjet applications**

- · Coding, marking, mailing, addressing
- · Wide format graphics
- Industrial decoration décor & laminates
- Ceramic tiles
- Textiles
- Commercial printing
- · Labels & packaging
- Printed electronics, bio-medical & 3D printing

#### **Emerging technologies**

- · Kodak Stream
- Memjet
- HP PageWide technology
- · Landa Nanography
- · Lead-free piezo
- Speed & resolution trends

17.30 Course ends

#### **COURSE LEADERS**

#### Mike Willis

Pivotal Resources Limited

Mr Willis founded Pivotal Resources, a consultancy in the digital printing industry, in 1995. He has experience in a wide range of technologies and



markets including drop-on-demand and continuous inkjet printing, electro-photographic technology, greyscale and colour reproduction methods and light sensitive materials.

Prior to founding Pivotal Resources, Mike was Director of Electronic Printing at Meta Generics. Mr Willis was a founding member of Xaar - a spin-off company from Cambridge Consultants where he spent ten years working in a number of roles, culminating as Group Leader of Non-Impact Printing. Before that, he spent six years at Gestetner developing photocopiers. Mr Willis graduated from the Polytechnic of Central London with an honours degree in Photographic Sciences.

#### Dr Alan Hudd

Alchemie Technology Limited

Dr Hudd is Director and co-founder of Alchemie Technology Ltd, an independent contract development and consultancy



company to the industrial inkjet industry. Alchemie is also developing and commercialising a range of novel printhead technologies through its joint venture company, Jetronica. Jetronica specialises in supplying solutions to selectively pattern liquids and powders capable of using a wide range of chemistries from graphene through textile pre-treatments and 3D printing of metal powders to drugs for implantable drug devices.

Alan Hudd was the Founder and Managing Director of Xennia Technology from 1996 to 2012.



## **Market Reports Live - Textile Printing**

**Tuesday 18 September 2018** 

Market Reports Live are half-day market & technology forums on important digital applications. The sessions give detailed information from leading industry analysts, arming you with the data you need to build your business strategy.



## **Digital Textile Printing**

#### Tuesday 18 September 2018 | 09.00 - 12.30

Textiles is now an established major market for digital printing and, with some of the highest growth figures in the industry, digital textile printing continues to offer opportunities. With continued development comes uncertainty and mixed messages for those wanting a clear picture of what is really happening. What is the true growth within the market? What is the scope of digital textile printing in the future? What is really feasible today for printers and designers? Come and find out from WTiN experts Tansy Fall, Mutlu Chaouch Orozco and Madelaine Cornforth.

- An overview of the leading factors driving the digital textile market forward and will they change
- A structured view into where the maximum opportunities lie in the coming years and how the leading brands are positioning themselves to be successful
- An assessment of the new technologies from ITMA and ITMA Asia and what impact they have had in the industry a year down the line
- A discussion of what is still missing from the market and what can be done to bridge these gaps
- A discussion on the future of digital textile printing and what technology needs to develop to enable further growth and mainstream applications

#### About WTiN

World Textile Information Network (WTiN) is an innovative B2B media company that lies at the heart of the global textile industry. Serving the textile value chain, from raw material to finished goods, through online, events and publications, WTiN provides the must-have information on manufacturing technology, environment and ethics, textile markets, finance, companies and events. The company has been working in the textile industry for 130 years with publishing and textile manufacturing knowledge. Our strengths include sector specialists, analysts and a key global contributor network all supplying valuable information into the market. With a global reach WTiN partners with a wide range of organisations including CEMATEX, CNTAC, INDA, CNITA, Messe Frankfurt, DnB & ITME across the industry both through events and publications.



#### **Tansy Fall**

Tansy Fall is Editor for the B2B print publications Digital Textile magazine, which reports on the digital textile print sector, and loTex magazine, which focuses on the digitalisation of the textile value chain. Tansy also provides content for the online Effects channel and is responsible for developing multimedia content for wtin.com. Tansy acted

as Desk Editor for the ITMA Asia Show Daily newspaper, India ITME newspaper, and the IndoIntertex newspapers in 2016. Tansy has a Master's degree in Literature from the University of Leeds, UK.



#### Mutlu Chaouch Orozco

Mutlu is the Digital Innovation Analyst for WTiN Intelligence and focuses on producing reliable analysis and high-value content for the digital textile industry. Mutlu started her career in a pigment paste manufacturing company as a laboratory manager. She went on to develop her career by specialising in market analysis, business

development and strategic planning for a variety of public and private sector organisations. Mutlu holds a bachelor's degree in Chemical Engineering and two master's degrees in Data Analytics and Technical Management.



#### **Madelaine Cornforth**

Madelaine is deputy editor of Digital Textile and IoTex magazines, having been at WTiN for almost three years. She has previously worked on International Dyer & Technical Finisher and also provides content for the online Effects and Textile 4.0 insight and intelligence channels and develops multimedia content. Madelaine has reported

for the ITMA Daily newspaper 2015, ITMA Asia Daily newspaper 2016 and is part of the ITMA Asia Daily newspaper team this October and the ITMA Barcelona newspaper team in 2019. She was also responsible for the ITMA Asia showguide in 2016. Madelaine graduated from the University of Leeds with an MA in International Relations and has a BA in International Journalism from Liverpool John Moores University.

## **Market Reports Live - Packaging Printing**

**Tuesday 18 September 2018** 

**Market Reports Live** are half-day market & technology forums on important digital applications. The sessions give detailed information from leading industry analysts, arming you with the data you need to build your business strategy.



### **Digital Packaging Printing**

Tuesday 18 September 2018 | 13.30 - 17.00

Packaging printing is considered by many to be the digital application with the greatest future potential, due to the high total volume of printed packaging and the significant added value to be gained from digital printing. Brand owners are looking for options to respond rapidly to consumer demands, personalise packaging and innovate. Yet adoption has been held back in many cases by technological, cost, safety and regulatory concerns. Industry expert Ron Gilboa from Keypoint Intelligence-Infotrends gives an overview of the current situation with an in-depth look at the market requirements and dynamics, technology advances and challenges.

- An overview of the leading factors driving the digital packaging printing market forward and where they will change
- A view of where the maximum opportunities lie in the coming years and how the leading players are positioning themselves to be successful
- An assessment of new technology introductions and what impact they are expected to have
- A discussion of what is still missing from the market and what can be done to bridge these gaps
- A discussion on the future of digital packaging printing and the technology developments needed to enable further growth

#### **About Keypoint Intelligence**

Keypoint Intelligence is a one-stop shop for the digital imaging industry. With its unparalleled tools and unmatched depth of knowledge, Keypoint Intelligence cuts through the noise of data to offer clients the unbiased insights and responsive tools they need in those mission-critical moments that define their products and empower their sales.

Keypoint Intelligence-InfoTrends has over 25 years of experience providing leading worldwide market research and strategic consulting for the digital imaging and document solutions industry. InfoTrends products include research, analysis, forecasts and advice to help clients understand market trends, identify opportunities and develop strategies to grow their businesses.



#### Ron Gilboa

Ron Gilboa is a Senior Director of Keypoint Intelligence's Functional Printing & Packaging and is responsible for conducting graphic communications market research, market forecasting, custom consulting projects, strategy and planning engagements and creating editorial content for product and market analysis reports. Ron has been

involved in the graphic arts and publishing industries since 1980.

Ron re-joined Keypoint Intelligence in 2013 after the better part of a decade with Eastman Kodak Company where he served in executive marketing roles in the Commercial Imaging group. Ron's roles at Kodak included Vice President of Marketing at Kodak's production Inkjet group, Director of Worldwide Current Marketing & Operation, and Director of Worldwide Communications. In these roles Ron managed a cross functional team responsible for overall go-to-market including strategy development, marketing operations, and in market execution across the individual regional strategic product groups. Prior to Kodak, Ron held senior positions as Director of the Print On Demand & Publishing Service at Keypoint Intelligence and Product Management at Scitex Corporation.

Ron brings skills and experience in key print industries such as commercial, publishing, packaging, transaction, enterprise as well as direct customer knowledge in vertical markets. Areas of expertise include: strategic planning & go-to-market, market research & analysis, product concept testing, branding & communications, conventional & digital printing, hybrid printing (ticket, tag & label, specialty), professional photography, book printing, specialty printing, production workflow solutions, production printing environments, and new & evolving digital print applications.

Wednesday 19 - Thursday 20 September 2018

**The IMI Europe Digital Printing Conference** is the flagship strategic business and technical conference for the inkjet industry, trusted as a primary source of high value information by senior executives and commercial managers for more than 15 years.

This two-day event includes market and application overviews from key industry figures, as well as the latest technology developments from leading players covering printheads, printing systems, inks, software and other significant areas.



### **Conference Speakers**

Marco Boer | IT Strategies

Denis Poncelet | Sensient

Alexander Janoschka | Janoschka

Ramon Borrell | Xaar

Michael Ring | Gallus

Dr Nick Campbell | Screen GP IJC

Maximilian Mark | BHS

Axel Fischer | INGEDE

David Ramirez | Hewlett Packard

Dr Alan Hudd | Alchemie Technology

Marcus Timson | InPrint

Robert Bierfreund | Interprint

Don Allred | Memjet

Gijsbert Harmsen | Neenah Coldenhove

**Guy Newcombe** | Archipelago Technology

Thomas Wittmann | Ritzi

Holly Steedman | Marabu

Jürgen Stocker | Steinemann

#### Wednesday 19 September 2018

08.30 – 09.30 Conference registration 09.30 Morning session begins

## Where is the demand for digitally printed packaging?

#### Marco Boer

Vice President, IT Strategies Digital printer manufacturers are rushing in to develop digital packaging printing systems, looking at digital printing of packaging as



the unexplored, bright frontier for growth. With so many equipment suppliers rushing in, where are the "right" areas for growth? Is it converters who target large, medium, or small brands? Or is it the brands themselves that need to be convinced of allowing a disruptive new technology to be introduced into their supply chain? This presentation explores potential opportunities for digital printing of folding carton, corrugated, and flexible packaging.

#### Digital inks for packaging

#### **Denis Poncelet**

Marketing & Sales Development Director - Inks Europe, Sensient Imaging Technologies

Why do brands have more concerns for packaging

than for labels? Is there a visual colour difference when mixing conventional and digital in traditional merchandising? How is food compliance truly guaranteed? Can we use the same substrates for conventional and digital? How digital allows special effects and do we have a chance for an affordable opaque white solution? Can we avoid a primer, and what changes in gloss, haze, rub, COF and gluing, sealing, filling speed as well as recycling results from a new digital ink? This presentation explores the limits today for folding, premium corrugated and flexible packaging.

#### **Strategic Advisory Board**



Ramon Borrell



Marco Boer IT Strategies



Montserrat Peidró Heidelberg



Denis Poncelet Sensient



Mike Willis Pivotal Resouces

#### Wednesday 19 - Thursday 20 September 2018



## Digital printing in the packaging supply chain - overview and challenges

## **Alexander Janoschka** CEO, Janoschka

Digital Printing has the potential to transform the graphic supply chain for the packaging industry. Quick turnarounds, high flexibility,



on demand delivery and single unit production units are the key arguments for a technology change. What are the essential challenges today in a multiprocess environment? Which markets are the most promising for the near future? This presentation gives some insights into today's world of the graphic supply chain for the packaging industry.

## Inkjet printheads for digital printing of packaging

#### Ramon Borrell

Chief Technology Officer, Xaar Piezo inkjet printheads have become the dominant technology for digital printing in industrial and commercial applications.



The trend is to continue gaining share against competing technologies. However even in a single application area, such as packaging, the diversity of requirements may demand the use of a range of different printhead architectures. This is the reason why there is a growing diversification of printheads, not only from different suppliers, but also in each supplier portfolio. In that regard the Xaar portfolio has expanded to cover three major architectures, aimed at specific tasks. Embellishment of packaging materials, whether labels or primary packaging, can be achieved digitally at acceptable speed with ultra high productivity printheads capable of delivering enough fluid to create textured surfaces, Braille text, deep opaqueness or rich metallic finishes. On the other hand, combined high print quality at high speed has become possible with thin film printheads, which also deliver industrial level life, usability and cost of ownership.

12.30 – 14.00 Lunch14.00 Afternoon session begins

#### Digital label: past, present & future

#### Michael Ring

Labelfire General Manager, Gallus

- Lessons learned by Gallus/ Heidelberg and what we had to do to overcome some of the fundamental limitations of inkjet at 1200 dpi
- A review of the digital marketplace and how it has developed over the last 5 years in terms of number of manufacturers in the space
- The possible impact that new low cost digital label solutions could have to the market and ultimately brand owners

## Integrating an inkjet printer into corrugated board manufacture

## Dr Nick Campbell & Maximilian Mark

Project Manager, Screen GP IJC & Product Manager Digital Print, BHS

- BHS's view of the benefits of inkjet printing for corrugated board manufacture
- Why printing inline with the corrugator is important
- The requirements that printing inline with the corrugator imposes on the inkjet printer
- · System features to meet those requirements
- · Current progress on the project
- Next steps

## Panel Session: Digital packaging solutions - is inkjet ready?

Topics to include:

- Industry viewpoint
- Beyond CMYK
- Food compatibility

The panel will be chaired by Denis Poncelet, Marketing & Sales Development Director - Inks Europe, Sensient Imaging Technologies, and include industry experts from the conference Strategic Advisory Board and conference presenters.

## Is inkjet still a challenge for paper recycling and deinking?

#### Axel Fischer

INGEDE

Printers want to go green. Some think, water is green, just because it is water? It isn't always. Water-soluble inks in printing are not necessarily



environmentally friendly. Cheap dye-based inks dissolve during the recycling process, staining the fibre rather than leaving the mix in a process designed to remove hydrophobics and ink particles. Deinking has soap bubbles rise to the surface, pulling hydrophobic ink particles up and away. Here dyes and inks with hydrophilic small particles make a print behave like a red sock in a washing machine – staining all the fibres in the system, not just the one they are intended to colour. Better systems are available: the presentation will show how to do it.

#### Multi Jet Fusion - Behind the Scenes

#### **David Ramirez**

Senior R&D Engineer, HP

This talk will give an overview about HP's strategy in the 3D printing industry. With the objective to disrupt the \$12T manufacturing market,



HP's Multi Jet Fusion can print strong functional parts faster than other 3D printing technologies, leveraging many years of inkjet development.

#### Wednesday 19 - Thursday 20 September 2018

#### **Precision digital coatings**

#### Dr Alan Hudd

Director & Co-Founder, Alchemie Technology

- Digital materials science overview
- Technologies for digital precision coatings of functional materials
- Challenges of applying precise coatings in a digital world
- Deposition using liquid and powder digital technologies
- Typical industrial applications
- Future trends and predictions

#### **Sponsors' Forum**

17.30 - 18.30

Hear short presentations from the event sponsors

#### **Reception Sponsored by Alchemie Technology**

18.30 - 20.30

Join us for wine, beer, canapés and good company!



#### **Thursday 20 September 2018**

Morning session begins

#### Industrial inkjet 2018: Crossing the chasm, or stuck in a ravine?

#### **Marcus Timson**

Co-Founder, InPrint

Since 2014, the industrial inkjet community has been eagerly anticipating when the tipping point will occur when the next big market



for industrial inkjet will enter the euphoric state of transformation and revolution. But arguably this hasn't occurred. Yet. This presentation draws upon hundreds of conversations, survey results, data and observations. It makes some suggestions for the future health of industrial inkjet and answers the question: Is industrial inkjet crossing the chasm? Or is it stuck in a ravine?

#### Striving for excellence in digital single pass décor printing: Status report & industry perspective

#### **Robert Bierfreund**

COO, Interprint

Interprint runs one of the biggest and fastest industrial digital printing presses in the world. Since 2015 the company gained experience



in the field of digital printing using inkjet technology. As of now the 2018 production volume already exceeds the output of the complete year 2017.

This growth leads to digital specific challenges and new topics to be solved. Therefore one of the key factors ensuring further success is stabilizing technical topics to ensure a smooth 3-shift production. Overall the digital printing benefits are not easily harvested, but are seen by Interprint as a potential game-changer.

#### Advancements in page wide thermal inkjet technology

#### **Don Allred**

VP Packaging, Memjet

Memjet's first technology platform introduced page wide compact inkjet capabilities to a range of markets and is a leader



enabling late stage customisation for packaging and labels. Memjet's Gen 2 platform advances the technology with significantly longer printhead life, higher speeds, nozzle redundancy, pigmented inks and a modular design to enable rapid integration up to and over 2.5 meter print widths. The technology is ideally suited for OEM products that target midand high-volume print applications. This paper will discuss the status of our entry level technology and provide several examples of applications that can be enabled with low cost equipment, while also providing a technology overview of the Gen 2 inkjet platform.



Wednesday 19 - Thursday 20 September 2018

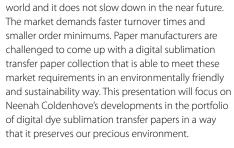


## The sustainable development of dye sublimation papers and trends within the digital textile printing industry

#### Gijsbert Harmsen

Senior Sales Executive Performance Materials, Neenah Coldenhove Sublimation is experiencing

a tremendous growth in the digital textile printing



### Powerdrop: helping inkjet go further, faster

#### **Guy Newcombe**

CEO, Archipelago Technology We in the inkjet world can greatly expand our application space and markets by dividing the roles of decoration and function. Cartonboard, flexible



packaging and décor all require levels of ink adhesion and image integrity that are hard to put into a single ink. Single ink solutions are expensive and require additional layers in the substrate.

This presents a problem to customers who are looking to make valuable products with low cost ink and reliable machinery. Archipelago's Powerdrop technology solves this problem. It can apply primers to aid adhesion and coatings to give image integrity. Combining inkjet and Powerdrop enables end users to get all the benefits of digital together with the robustness their products require. In this talk, Guy Newcombe, Archipelago's CEO, will describe the major opportunity that can be addressed by this approach and go on to describe the latest developments and applications of the Powerdrop technology.

12.40 – 14.00 Lunch14.00 Afternoon session begins

## Panel Session: Industrial Inkjet - progress and blockers

Topics to include:

- Décor
- Textiles
- Direct-to-shape

The panel will be chaired by Marcus Timson, Co-Founder InPrint, and include industry experts from the conference Strategic Advisory Board and conference presenters.

#### **Direct-to-shape printing solution**

#### **Thomas Wittmann**

Wittmann Consulting, on behalf of Heidelberger Druckmaschinen

The presentation will discuss today's requirements for personalisation and short



series in production items. The Heidelberg Omnifire solution - inkjet technology with a unique value proposition for on-demand on-object printing - will be discussed. A real usage case will be presented for Ritzi, a provider of interior decoration parts for the main automobile brands.

## Watch out labels! Here comes single pass inkjet direct-to-container

#### **Holly Steedman**

Product Manager Digital Inks, Marabu

Marabu has been involved in the development of inkjet inks for Direct to Container from the start of this



evolving market. Marabu has a strong history in this area coming from their screen printing products. Marabu have developed inks from the dispersion up to enable them to be part of these challenging applications. Working with our machine partners, we achieve the necessary stringent requirements for the final product. We discuss the challenges we faced in our ink developments and our success stories. In particular the achievements in direct to glass. One of the most challenging substrates for inkjet printing. Discussion points include wash resistance and withstanding product-manufacturing processes.

#### Digital print enhancement

#### Jürgen Stocker

Product Manager, Steinemann We will talk about digital print enhanced for sheet-feed and reel-to-reel printing systems. Digital print enhancement has strengths and weaknesses



compared to analog print enhancement. Which analog enhancement applications can be realised today with digital techology? What are the big strengths of digital print enhancement? What are the big weaknesses of digital print enhancement? What will be the future of digital print enhancement systems?

17.00 Conference ends

# **IMI Europe Digital Printing Conference 2018 Sponsors**

## **Gold Sponsor**



### **Silver Sponsor**



### **Bronze Sponsors**













#### Venue







Digital Print Europe 2018 will be held at the Novotel Barcelona City Hotel in Barcelona.

The Novotel Barcelona City is a 4 star hotel in Barcelona's modern Diagonal business district, just a couple of minutes' walk from the metro. The hotel's rooftop terrace boasts panoramic views of the city, and also contains an outdoor swimming pool

We have negotiated a special room rate and reserved a block of rooms at the hotel:

#### Single occupancy €165 per room, per night

Rates include breakfast, WiFi and VAT and exclude €1.21 per day city tax. The special rate can be booked until 17 August 2018. After that date bookings are subject to availability.

#### **Cancellation Policy**

You can cancel your reservation free of charge until 7 days prior to arrival. For cancellations between 7 and 3 days prior to arrival the hotel will charge 1 room night. For any cancellations made within 3 days prior to arrival, the hotel will charge 100% of the expected costs - this includes no shows, late arrivals and changes made during your stay.

#### Novotel Barcelona City

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www.novotel.com/en/hotel-5560-novotel-barcelona-city/index.shtml

## **Upcoming IMI events**

#### **Inkjet Winter Workshop 2019**

21 – 25 January 2019

Ayre Hotel Astoria Palace, Valencia, Spain

The IMI Europe Inkjet Winter Workshop is the ideal way to learn more about inkjet technology, with an in-depth look at key aspects of digital printing application development. Courses include the Inkjet Academy, Inkjet Printing Software, Inkjet Inks: Materials & Applications, Inkjet Ink Manufacturing & Single Pass Inkjet System Design

#### **Inkjet Development Conference 2019**

8-11 April 2019

Crowne Plaza Hotel - City Alster, Hamburg, Germany

Materials, equipment and techniques for inkjet fluid development and manufacturing. This conference is supported by the Inkjet Academy and Inkjet Ink Characterisation courses.

#### **IMI Digital Printing Week 2019**

5-8 February 2019

USA - Location to be confirmed

If you are responsible for a strategic view of the industry for your company or are evaluating new applications and opportunities; then this event is a must! These conferences are supported by the Inkjet Academy.

#### **Inkjet Summer School**

10-14 June 2019

Moller Centre, Cambridge, UK

A selection of high quality 1.5 day technical courses on topics of interest within inkjet printing, including the world-famous Inkjet Academy. The IMI Europe Inkjet Summer School is the ideal way to gain a more detailed understanding of a specific technology area, with six courses presented by experts in their field.



#### **Registration fees**

#### **Inkjet Academy**

- · Attendance at all sessions
- Course reference binder & pdf presentations
- · One lunch
- One evening reception
- · Coffee breaks
- IT Strategies inkjet printer and supplies market report

Standard fee: €995 On-site registration: €1,195

## Market Reports Live

- Pdfs of presentations
- · Coffee breaks
- IT Strategies inkjet printer and supplies market report

Standard fee (one course): €595 Standard fee (two courses): €495 On-site registration fee: €695

#### IMI Europe Digital Printing Conference

- · Attendance at all sessions
- Event guide & pdf presentations
- Two lunches
- · One evening reception
- Coffee breaks
- IT Strategies inkjet printer and supplies market report

Standard fee: €1,095 On-site registration fee: €1,295

#### **Discounts**

If you register for more than one Market Reports Live session, there is a  $\in$ 100 saving for each additional session.

If you register for both the Inkjet Academy and the Digital Printing Conference, there is a €200 saving on the total fee

If you register for a Market Reports Live session as well as the Digital Printing Conference, there is a €100 saving on the total fee.

We also offer a 20% discount for additional registrations from the same company. For a quotation please email enquiries@imieurope.com with your requirements. Where multiple discounts apply we will allocate the two largest discounts to the total.

#### **Booking policy**

Cancellations will receive a 50% refund if made more than two weeks prior to the start of the event (i.e. on or before 3 September 2018). After this time, no refunds can be made, but your registration may be transferred to another IMI Europe or IMI Inc event at no charge. Name changes for a registration may be made at any time, free of charge, but please let us know before the event so we can update our records.

#### How to register

Please register on-line via our website:

#### www.imieurope.com

We will check availability and email your registration confirmation together with an invoice with payment details.

#### **Hotel Reservations**

Hotel reservations and charges are the responsibility of each conference registrant. Special room rate €165 per night including breakfast and taxes, guaranteed up to 17 August 2018, subject to availability after this. Please book via our website www.imieurope.com to receive this rate

### The week at a glance

	08:00	09:00	10:00	11:00	12:00	13:00	14:0	00	15:00	16:00	17:00	18:00	)	19:00	20:00
<b>Monday</b> 17 September					Registration	Inkjet Academy				Rece	ption				
<b>Tuesday</b> 18 September		Inkjet Academy			Lunch		Inkjet Academy								
	Registration	egistration MRL - Digital Textiles				Registration	N	MRL - Digital Packaging							
<b>Wednesday</b> 19 September	Registration Digital Printing Conference			Lunch		Digital Printing Conference			erence	Reception					
<b>Thursday</b> 20 September		Digi	tal Printing	Conference		Lunch	•	Digital	Printing Co	nference					