

## Digital Print Europe 2019

7-10 October 2019

Courtyard by Marriott Berlin City Centre Hotel | Berlin | Germany



The strategic business and technical event for the inkjet industry

## **Inkjet Academy**

#### Mon 7 - Tue 8 Oct 2019

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**

#### Tue 8 Oct 2019

Half-day market & technology forums on important digital applications. The sessions offer forecasts from leading industry analysts, giving you the information you need to inform your business strategy.

## Digital Packaging Printing

Industry expert Bob Leahey from Keypoint Intelligence-Infotrends gives an overview of the current digital packaging market, with an in-depth look at market requirements & dynamics, technology advances and challenges.

# Mergers & Acquisitions

#### Tue 8 Oct 2019

Leading analysts and experts will give an overview of the industry M&A scene, review key transactions as case studies, and give advice and experiences from both sides of the transaction.

Buy side leaders will discuss their individual strategies, while sell side entrepreneurs will share the experience of selling their company. The forum includes an animated panel discussion bringing together both the buy side and the sell side to highlight how different viewpoints can make or break a deal. Finally, a private networking reception allows attendees to share their experiences over drinks.

The event will be chaired by Kenneth D. Stack, President of Proximus LLC.

# Digital Printing Conference

#### Wed 9 - Thu 10 Oct 2019

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 20 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**

#### Monday 7 - Tuesday 8 October 2019

#### **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 7 October 2019**

08.00 – 09.00 Registration 09.00 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

#### **Drop production**

- Thermal inkjet
- Piezo inkjet
- · Continuous inkjet
- · Bulk piezo
- Si-MEMS/TFP
- Deposition requirements
- Drop ejection frequency
- Crosstalk
- · Reliability
- · Life issues

#### **Inkjet inks**

- 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 17:30 - 18:30 Reception

Join us for beers, wines and good company!

#### **Tuesday 8 October 2019**

08.30 Session Begins

#### **Drops in flight**

- · Drop placement accuracy
- · Drop break-off
- Drop impact and spread
- Mist control

#### 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

#### System design issues

- Ink supply
- · Nozzle maintenance
- Mist control

#### **Substrate & interactions**

- · Papers and coated papers
- · Films, rigid substrates
- Bleed and intercolour bleed
- Pre and post coatings
- Adhesion
- Requirements versus applications
- Drying
- UV curable materials
- Monomers
- Oligomers
- Photoinitiators
- UV curing
- e-beam curing

12.30 – 13.30 Lunch13.30 Session begins

#### Print & image quality

- Factors affecting print quality
- Printhead-ink-substrate
- Greyscale methods
- Drop detection
- Banding, single pass issues
- Drying effects
- Missing nozzle detection
- Missing nozzle compensation

#### **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**

#### Dr Alan Hudd.

Chairman, Alchemie Technology, UK

Dr Hudd is Director and co-founder of Alchemie Technology, an independent contract development and consultancy company to the industrial inkjet industry. Alchemie is developing



and commercialising a range of novel printhead technologies through its joint venture company, Jetronica. Dr Hudd was the Founder and Managing Director of Xennia Technology from 1996 to 2012.

#### Dr Simon Kew

Managing Director, Alchemie Technology, UK

Dr Kew leads Technology and Business Development at Alchemie Technology. He has over 15 years of experience in new product and process innovation applied to chemistry-enabled products.



Dr Kew works across industries including consumer goods, foodstuffs, chemical and pharmaceutical sectors. He specialises in delivering innovation using digital manufacturing technologies including inkjet printing and additive manufacturing technologies.

#### Mike Willis,

Managing Director, Pivotal Resources, UK

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-ondemand & continuous inkjet



printing, electro-photographic technology, greyscale & colour reproduction methods and light sensitive materials. Prior to founding Pivotal Resources, he was Director of Electronic Printing at Meta Generics. He was a co-founder of Xaar and before that, he spent six years at Gestetner developing photocopiers.

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

**Tuesday 8 October 2019** 

**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 8 October 2019 | 09:00 - 12.30

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 Bob Leahey 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.



#### **Robert Leahey**

Robert Leahey has many years of experience in consulting to the peripherals and supplies industries. At InfoTrends, where he has worked since 1996, his main work has been to conduct custom research projects, most often on inkjet, thermal, and colour laser technologies used for commercial and industrial applications. He is also the main analyst for InfoTrends' Color Digital Label and

Packaging (CDLP) continuous information service. His clients have included a wide range of printer and supplies manufacturers, and other companies, in all regions. He has also been author or co-author of many syndicated research reports on topics such as colour digital label presses, ink jet coders, and brand owners' sentiments about package printing. Areas of expertise include: colour digital printing for labels & packaging, inkjet & laser product & package coding, and other industrial uses of digital printing.

## **Mergers & Acquisitions Forum**

#### **Tuesday 8 October 2019**

Mergers and acquisitions from both the buy side and sell side. Leading analysts and experts will give an overview of the industry M&A scene, review key transactions as case studies, and give advice and experiences from both sides of the transaction. The forum will be chaired by Kenneth D. Stack, President of Proximus LLC.



## **Mergers & Acquisitions Forum**

#### Tuesday 8 October 2019 | 13.30 - 18.30

The forum will focus on market drivers for M&A activity, how the industry has been shaped by M&A activities, and how the M&A market within digital printing will change over the next 5 years. Buy side leaders will discuss their individual strategies, while sell side entrepreneurs will share the experience of selling their company.

The session includes an animated panel discussion bringing together both the buy side and the sell side, at the same time, to highlight how different viewpoints can make or break a deal. Finally, a private networking reception allows attendees to share their experiences over drinks. The forum will be chaired by Kenneth D. Stack, President of Proximus LLC.

#### Introduction to the program

Ken Stack, Proximus

#### Market forces driving M&A in inkjet

Marco Boer, IT Strategies

#### **M&A Update - Industrial Digital Printing**

Ken Stack

14.45 – 15.00 Refreshment Break

#### Views from a leader of the buy side

Liz Logue, Director of Business Development, Electronics for Imaging

#### Views from a leader of the buy side

Arturo Esquinca, former M&A/Business Development, Coesia, former VP M&A, Dover Corporation

#### Legal Lessons in M&A

Dr Sven Hasenstab, Attorney, BRANDI Rechtsanwälte Partnerschaft mbB

#### Panel Session: Buy side and sell side

The panel session, chaired by Ken Stack, will be a provocative discussion highlighting how the different viewpoints on the buy side and sell side can make or break a deal. The panel will comprise:

Ken Stack, President, Proximus LLC

Marco Boer, Vice President, IT Strategies

Liz Logue, Director of Business Development, Electronics for Imaging

Arturo Esquinca, former M&A/Business Development, Coesia, former VP M&A, Dover Corporation

Dr Sven Hasenstab, Attorney, BRANDI Rechtsanwälte Partnerschaft mbB

#### 17.15 – 18.30 Networking Reception



#### **Kenneth Stack**

Dr. Kenneth Stack is an experienced M&A professional with extensive digital printing industry background. Ken operates Proximus LLC., a boutique investment banking and venture capital firm that specialises in finding strategic value for companies within the digital printing industry. Since its founding in 2011, Proximus has completed over \$6

million in M&A deals within the digital printing market, representing both buyers and sellers alike. Ken has over 20 years of experience within digital printing, having founded Jetrion in 2003, a leader in digital label printing, which he sold to Electronics for Imaging in 2006. He held senior leadership positions at Electronics for Imaging from 2006-2010 and at the Eastman Kodak Company from 1998-2002. Ken earned a Ph.D. in Mechanical and Aerospace Engineering as well as an MBA in Marketing and Entrepreneurship from the University of Rochester.

Wednesday 9 – Thursday 10 October 2019

**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 20 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

Claire Virazels | Xerox

Ken Stack | Proximus LLC

Javier Larraz | Hewlett Packard

Yarden Ben Dor | Landa Digital Printing

Don Allred | Memjet

Stephen Wilson | Inca Digital

**Dr Neil Chilton** | Printed Electronics

Mike Willis | Pivotal Resources

Montserrat Peidro-Insa | Heidelberger

Marcus Timson | FM Future

**Graham Kennedy |** Ricoh Europe

Shane O'Neill | Fujifilm Dimatix

**Bob Leahey** | Infotrends

Pete Saunders | Sun Chemical

Denis Poncelet | Sensient

#### **Wednesday 9 October 2019**

08.30 – 09.30 Conference registration
09.30 Conference begins

## The irrevocable change in the world of commercial printing

Marco Boer

Vice President, IT Strategies The commercial print world is in flux. Print provider business models are changing faster than many recognise, and those who are not adopting while find themselves marginalised



or worse out of business. We've reached the bottom of competing on the lowest cost of print, and in fact are seeing print cost increase as the cost of paper, postage/transport, and labor only become more expensive. Helping customers achieve communication goals through data analysis is where generous profits are now starting to be made. This has reduced interest in needing the "latest" print technology, although if there is an opportunity to consolidate two or more older presses with one more productive new press, print providers with more than \$2.5M in revenue are all ears. On top of this, the technology development cycles of printing equipment manufacturers are getting longer. What does this all mean for DRUPA 2020? This session will analyse this and more.

## High value digitally printed applications – what is the new market opportunity for digital embellishments?

Claire Virazels

Production Colour Programme Manager, Xerox EMEA

As the printing industry continues to transform across the globe, some major trends are appearing, showing that there are



numerous requirements from print buyers for high value applications. Gamut extension, adding more colours, producing digital embellishments – adding metallics & effects, white, clear/varnishing enhancements, using new papers and substrates – those trends have become major requirements which need to be addressed. In this session, we will review those important transformations and see how Print Service Providers can win significant new business opportunities, bringing more value to their customers while growing their revenue and margins!

### **Strategic Advisory Board**



Martin Schoeppler Fujifilm Dimatix



Marco Boer IT Strategies



Pete Saunders Sun Chemical



Ken Stack Proximus



Mike Willis Pivotal Resources

#### Wednesday 9 – Thursday 10 October 2019

## The changing landscape of industrial digital printing

**Ken Stack** 

President, Proximus LLC

Our industry has come a long way in the last decade. While the industrial digital printing market has grown substantially, the landscape of participants has changed drastically, and we expect it



to continue to change. We will examine changing market verticals, the players, and discuss how we expect the market to continue its evolution in the coming decade.

#### Panel Session: DRUPA preview and beyond

Topics to include:

- What will be new at DRUPA?
- Where is the industry going over the next few years?

The panel will be chaired by Marco Boer, Vice President, IT Strategies, and include industry experts from the conference Strategic Advisory Board and conference presenters.

12.30 – 14.00 Lunch

14:00 Afternoon session begins

#### Dye sub reinvented

Javier Larraz

Large Format Production Director, Hewlett Packard

Digital technologies along with new approaches are nowadays transforming many industries. Textiles is not an exception, and while digital printing has been



present in textiles for many years, we are at an inflection point where technology innovation, changes in customer preferences and new pipelines are accelerating the disruption of the traditional ecosystems. In this presentation we will see how HP innovation and strategy will contribute to this transformation, why HP is entering into the textiles market and what differential value will be available to customers with new HP tools and technologies.

## Digital packaging and commercial printing solutions

Yarden Ben Dor

Product Manager, Landa Digital Printing

Landa is real and our worldwide customers are producing jobs for their brands. Yarden will highlight Landa Digital Printing's key features including



Nanography® technology's unique capabilities, reputable workflow partners and the solutions these provide in response to market trends. He will provide an overview of Landa's worldwide customer base and share real high-quality commercial applications they are currently producing on their Landa presses. He will discuss the range of benefits that our customers are seeing when allocating jobs to their Landa press instead of to offset or other digital equipment.

# Memjet technology platforms enable products from desktop to light production to heavy production – Recent news in advanced thermal inkjet technology

Scott Leger

VP Business Development, Memjet

Memjet is expanding its technology platforms to enable more segments and applications to use advanced thermal inkjet singlepass technology to enable



products for desktop, light production and heavy production environments. Our presentation will review the technological changes that have enabled this expansion and detail the capabilities and differences of each platform while maintaining market leading print quality, fast print speeds, modular flexibility and simple integration. These aqueous inkjet systems provide the solution end customers are craving as they push their equipment suppliers to supply fast, high quality, affordable, application specific solutions. The presentation will provide examples of the type of products integrating these technology platforms.

## Inkjet for corrugated packaging: Opportunities and challenges

Stephen Wilson

CEO, Inca Digital

In this talk I will aim to cover the analogue print technologies currently used for corrugated packaging, as well as the inkjet printer architectures which are likely to replace them. I will then



examine the sub-market sectors, sizes and trends, as well as the technical challenges and potential solutions. Finally I will present a roadmap for inkjet printers in corrugated.

## Large Area Electronics - an opportunity for digital inkjet printing

**Neil Chilton** 

Technical Director, Printed Electronics Limited

The primary aim of this talk is to help determine whether the title you see above is a statement or a question. Large Area Electronics (LAE) is one of



the names used for the field of printable, flexible or organic electronics. LAE is a field that is growing but is also one where inkjet has not always been the natural choice of print method. In this talk we will cover some of the technical demands that LAE printing requires and explain some of the current and potential applications where inkjet is used for the fabrication of large format electronic devices.

## The world of inkjet innovation as seen from patents

Mike Willis

Managing Director, Pivotal Resources, UK

The number of inkjet patents published worldwide last year was around 370 a month, with HP overtaking Seiko Epson with the most filed. Although the big



names dominate the filings, there are a few surprises in the top 20 for 2018. Thermal inkjet printhead development continues with some interesting innovations such as ultra low-cost page arrays and recirculation through the actuator chamber. There are new piezo printhead developments too, and not just SiMEMS designs. Intermediate transfer architectures are large development projects at Landa Digital and Canon, with both expected to make big announcements and enhancements at Drupa 2020. And the spread of inkjet into new applications continues to amaze – with one new product development perhaps an equal to desktop printing in terms of potential reach.

**18:20-19:00** Sponsors' Forum Hear short presentations from the event sponsors.

## 19:00-21:00 Networking Reception Join us for wine, beer, canapés and good company!



#### Wednesday 9 - Thursday 10 October 2019

#### **Thursday 10 October 2019**

09.00

Morning session begins

#### **Primefire digital packaging solutions**

#### **Montserrat Peidro-Insa**

Senior Vice President - Head of Digital Print Business Unit, Heidelberger Druckmaschinen

Since the first Primefire serial customer shipment in 2018, customers are learning more and more about how to sell



digital packaging to their clients and about the possibilities of Primefire. During this session we will share some of that learning while disclosing the planned technology developments. We will discuss how brands are reacting to Primefire possibilities and where they see its main potential, give some case studies of Primefire customers and how are they using the system, and discuss the future development roadmap.

#### **Panel Session: Packaging**

Topics to include:

- Aqueous/hybrid inks
- Food contact and regulatory issues

The panel will be chaired by Montserrat Peidro-Insa, Senior Vice President - Head of Digital Print Business Unit, Heidelberger Druckmaschinen, and include industry experts from the conference Strategic Advisory Board and conference presenters.

#### What is the future of industrial inkjet?

#### Marcus Timson

Director, FM Future

Has it or hasn't it crossed the chasm? Will it or won't it? What's holding it back? Why hasn't the next big market materialised? Or is it soon to happen? The talk will feature case studies, results from the



Future of Inkjet Survey and thoughts, observations and ideas.

## Modular industrial inkjet printing solutions

#### **Graham Kennedy**

Head of Commercial Inkjet Business, Ricoh Europe

I will talk about Ricoh's focus on disruptive digital manufacturing technology and how our collaborative development approach can help our partners speed up



time to market. I will share some case studies which demonstrate how using Ricoh technology, expertise and experience can de-risk the R&D process.

# Engineering solutions to address the inherent challenges associated with digital inkjet technology in single-pass applications

#### Shane O'Neill

European Sales Manager, Fujifilm Dimatix

Over the many years of the development and optimisation of inkjet technology for use in single-pass printers, there has been great variety of creative



solutions engineered to address the challenges of using inkjet technology successfully in such demanding applications. Implementation of hardware and software solutions to address uniformity and missing jet compensation are key elements to producing a competitive machine. This presentation will discuss some of the approaches taken to meet these challenges.

12.40 – 14.00 Lunch

14:00 Afternoon session begins

## Panel session: Industrial inkjet - what are the opportunities?

Topics to include:

- Packaging flexible and corrugated
- Décor
- Textiles
- Direct-to-shape

The panel will be chaired by Marcus Timson, Director, FM Future, and include industry experts from the conference Strategic Advisory Board and conference presenters.

#### Wide format state of the industry forecast, trends, and innovations that drive profitable business

**Eric Zimmerman and Bob Leahey**Keypoint Intelligence - Infotrends

Wide format printing has been embraced by sign, packaging and commercial printers. Print service providers (PSPs) now utilise innovative technologies for wide format to expand their offerings and move into new



markets. Through Keypoint Intelligence's annual industry forecast and end-user research, this session will bring to light the key trends that drive industry growth, covering industry trends, products and applications driving market growth, end-user sentiment on business success and growth, investment preferences in print, finishing, and workflow solutions and PSP's needs in support of their growth strategy.

## Water-based inks for packaging and other markets

#### **Peter Saunders**

Global Director - Digital Businesses Sales, Sun Chemical

This talk will look at the challenge for inks in packaging, including corrugated, carton and flexible. The background is the change from analogue to digital, and from other technologies to water-



based. Ink is essential to application success, and is ultimately what appeals to end customers, and yet it often seems low down the development food chain. In the meantime, the goalposts from flexo are changing, and new issues have emerged like sustainability and recyclability. The inkjet community must work together to bring compelling solutions. We will summarise the evolution of inkjet ink technology from energy curing, through hybrid to full water-based solutions.

# Digital inkjet printing in packaging: What are the opportunities and challenges in the context of increased food safety and circular economy?

#### **Denis Poncelet**

Director of Marketing & Sales, Sensient Imaging Technologies

What are the distinctions between edible, direct and indirect food contact? What means a "food compliant" packaging? Who is liable against regulatory constraints? How will recycling trends impact food



safety? What are the hurdles and risks for a brand and for a converter to qualify new inks from a new supplier of inks? Technical and regulatory compliance will be explored under the experience of a very pragmatic approach from Sensient, leader in food safe and pharma safe dispersions, colorants and inks.

17:00 Conference ends



Wednesday 9 - Thursday 10 October 2019

### **Silver Sponsor**



#### **Media Partners**





### Photo Imaging News®

### **Bronze Sponsors**

















#### Venue







Digital Print Europe 2019 will be held at the Courtyard by Marriott Berlin City Centre Hotel in Berlin.

The Courtyard Marriott Hotel is situated in the heart of the action, placing you near landmarks like Checkpoint Charlie, Potsdamer Platz, Brandenburg Gate and Alexanderplatz.

We have negotiated a special room rate and reserved a block of rooms at the hotel. The rate for a double room is €120 per night including breakfast, WiFi and VAT but excluding city tax. The special rate can be booked until 9 September 2019, after that date bookings are subject to availability.

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https://www.marriott.co.uk/hotels/travel/bermt-courtyard-berlin-city-center/

### **Upcoming IMI events**

#### **Inkjet Winter Workshop 2020**

27-31 January 2020

Ilunion Bilbao, Bilbao, 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, Digital Textile Printing, Inkjet Ink Characterisation, Inkjet Inks: Materials & Applications, Inkjet Ink Manufacturing and Single Pass Inkjet System Design.

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

February 2020

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 Technology for Décor Printing Course at Decorative Surfaces Conference 2020

17 March 2020

Vienna Marriott Hotel, Vienna, Austria

Inkjet technology has great promise as an enabler for digital décor printing. However, the technology meets significant challenges in décor printing. This course aims to introduce all of the key technology areas, explaining the challenges and addressing the solutions being developed by the industry. This course is presented by Tim Phillips of IMI Europe and Catenary Solutions.

#### **Inkjet Ink Characterisation Practical Course 2020**

21-24 April 2020

KRÜSS Laboratory, Hamburg, Germany

The Inkjet Ink Characterisation Practical Course is the ideal way to learn more about key aspects of inkjet ink physical property measurement and analysis. This course covers rheology & surface tension measurements, particle & dispersion assessment as well as drop visualisation. The course is led by industry experts KRÜSS and Malvern Panalytical and includes hands-on demonstration time on key characterisation equipment covering the vital inkjet ink measurements.

Wednesday 9 - Thursday 10 October 2019



#### **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 / Mergers & Acquisitions

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

Standard fee: €595

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  $\leq$ 100 saving for each additional session.

If you register for both the Inkjet Academy and the Digital Printing Conference, there is a  $\leq$ 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.

#### 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 €120 per night including breakfast and taxes, guaranteed up to 9 September 2019, subject to availability after this. Please book via our website www.imieurope.com to receive this

#### **Sponsor Exhibits & Forum**

Event sponsors will have their products and technology on display in the breakout area, and the Sponsors' Forum enables you to hear short presentations from sponsors on their company and latest news.

If you are interested in becoming an event sponsor, please visit our sponsorship page or get I touch via <a href="mailto:tim@imieurope.com">tim@imieurope.com</a>.

#### The week at a glance

	08:00		09:00	9:00 10:00		11:00 12:00		13:00		14:00	15:00	16:00 17:00		18:00			19:00		20:00
Monday 7 October							Registration			Inkjet Academy				Rece	Reception				
Tuesday 8 October			Inkjet Academy				Lur	nch	Inkjet Academy										
	Regist	ration	MRL - Digital Packaging Printing				Regist	ration	Mergers & Acquisitions Forum							Reception			
Wednesday 10 October	Regist		ration	Digital Printing Conference			Lunch		Digital Printing Conference					Reception					
Thursday 10 October	Thursday 10 October		Digital Printing Conference				Lunch		Digital Printing Conference										