



Digital Printing *Week 2012*

Avenida Palace Hotel
Barcelona, Spain



20th EUROPEAN INK JET CONFERENCE

Wednesday 7th - Friday 9th November, 2012

20 PRESENTATIONS OVER 3 DAYS

FREE PRINTER & SUPPLIES MARKET REPORT

SUPPLIERS FORUM OPEN TO ALL REGISTRANTS

COMPLIMENTARY DISPLAY SPACE

Join us for the biggest and best ink jet conference this autumn, with 20 presentations over three days, and complimentary Suppliers Forum and display space for registrants! This year we look at the emerging applications for ink jet such as commercial and industrial printing, ceramic tile and product decoration, hear about new printhead and ink technology, and more! Join us for the best value ink jet event of the year.

AWA INKJET LABEL & PACKAGING PRINT SEMINAR

Tuesday 6th - Wednesday 7th November, 2012

The versatility and flexibility of inkjet printing is creating significant developments, trends, and new applications in the global label and packaging markets

During this market-oriented, comprehensive one-day seminar, industry experts will share their knowledge, insights and innovations. Join them to discover how the inkjet print platform can benefit labels and packaging in your business.

AWA
Conferences & Events

INK JET ACADEMY

Theory of Ink Jet Technology

Monday 5th - Tuesday 6th November, 2012

A 1½ day comprehensive course describing the latest advances in ink jet and ink technologies, led by Mike Willis of Pivotal Resources & Dr. Tim Phillips of Xennia Technology. In 13 years over 2,300 have attended this broad and up to date introduction to this fast growing technology.



IMI EUROPE

IMI runs the largest and most comprehensive conference and seminar programme in the digital printing industry. Each year over 2,000 industry personnel from over 600 companies attend programmes covering inkjet, thermal, toner, security, industrial and other forms of digital printing.

PRODUCT DISPLAYS

IMI encourages demonstrations and displays of products by registrants during conference breaks. There is no additional charge for a display table, and IMI will assist in providing appropriate space for interested parties. Please pre-book space by contacting Alvin Keene email: al@imiconf.com

PRINTER AND SUPPLIES MARKET REPORT

IT Strategies report "Worldwide Printer and Supplies Market Report" will be distributed free of charge to all registrants to IMI's programmes. This exclusive market report is updated at least twice annually and provides an ongoing source of market information based on a consistent methodology and reporting structure.

WELCOME TO DIGITAL PRINTING 2012

IMI Europe has once again put together an outstanding programme for Digital Printing 2012. Our **20th Annual European Ink Jet Printing Conference** is packed with the latest overviews, updates and technology developments for office, industrial printing and media. The **AWA Inkjet Label & Packaging Print Seminar** is a first class overview of this emerging market segment. And if you need to get up to speed with ink jet, join our very popular and successful course - the **Ink Jet Academy - Theory of Ink Jet Technology**.

Our programmes offer the best value in the industry - great registration rates, discounts for multiple registrations, and opportunities to network with the speakers and attendees at our inclusive lunch and receptions. Also, registrants to the conference are welcome to display company literature in our separate display area. How could you miss it? See you in Barcelona!

Mike Willis, Managing Director, IMI Europe Ltd

PRODUCT DISPLAYS

Product demonstrations or displays by both conference speakers and registrants are encouraged. IMI will co-operate with all interested parties to provide appropriate space so products can be displayed and demonstrated during the conference breaks. There is no charge in addition to the conference registration fee to have a display table. Interested companies should contact Alvin Keene at IMI Inc. to pre-book space - email: al@imiconf.com

WORLDWIDE PRINTER AND SUPPLIES MARKET REPORT

Information Management Institute, Inc. is pleased to announce that it has commissioned IT Strategies of Hanover, Massachusetts to prepare a study report entitled "Worldwide Printer and Supplies Market Report" for distribution to all registrants to IMI's programmes.

This exclusive market report is updated at least twice annually and provides an ongoing source of market information based on a consistent methodology and reporting structure. The report is generated from IT Strategies' worldwide computer printer industry model.

All registrants to IMI Europe's Digital Printing Conferences at the Avenida Palace Hotel, Barcelona, Spain will receive a complimentary copy of the latest edition of the "Worldwide Printer and Supplies Market Report."

LOCATION & HOTEL INFORMATION



The **IMI Europe Digital Print Week** is being held at the **Avenida Palace Hotel** in Barcelona, Spain. Hotel reservations and charges are the responsibility of each conference registrant.

The discounted hotel rate is €120 single occupancy and €130 for double occupancy – buffet breakfast is included.

Early booking is advised - the **Avenida Palace Hotel** will guarantee the reduced rate until **October 5th, 2012**. Requests after that date will be on a space available basis. To receive the special rate, please download the booking form available on our web site at: www.imieurope.com



Perfectly designed for business and relaxation, the **Avenida Palace Hotel** is renowned for its comfort and location. With just a short walk from the hotel, guests can explore Barcelona's "Fifth Avenue" with its elegant and winding boulevard, connecting Plaza Catalunya with the Gracia district. Excellent architecture, theatres, bars and restaurants can be discovered along the way.

The **Avenida Palace Hotel** is close by Placa Catalunya, and 25 minutes travelling by car from Barcelona-El Prat International airport.

Settle in for a relaxing evening in one of the 151 spacious and comfortable guest rooms and suites. Enjoy the comfort of the king size beds and spacious rooms. With Wi-Fi access, you will be able to stay connected from your room.



Soak up the atmosphere in the Golden Place restaurant with a range of appetizing "a la carte" dinners. Or pamper yourself with a massage at the beauty salon.

This hotel offers a unique opportunity to combine a relaxing weekend or vacation in Barcelona with attendance at IMI Europe's conferences.

AVENIDA PALACE HOTEL

Gran Via de les Corts Catalanes 605
08007 Barcelona, España
Tel: (+034) 933 019 600
Fax: (+034) 933 181 234
avpalace@husa.es
www.avenidapalace.com



Barcelona offers plenty of bars, restaurants, sightseeing, monuments, museums and shopping. Just a short distance away is Barcelona's stretch of beaches, beautiful architecture, and the most memorable icon - the Olympic Port. The climate in November should be mild, giving you the opportunity to explore this historical city.

For additional information on Barcelona, please visit the **Turisme de Barcelona** website at www.barcelonaturisme.com



Course leaders



Mike Willis, Managing Director
Pivotal Resources Limited
Cambridge, UK

Mike Willis is the founder and Managing Director of Pivotal Resources, an international marketing and technical consultancy specialising in digital printing.

He has worked in this industry for the past 28 years, accumulating considerable experience in a wide range of imaging technologies. Recognised as an industry expert, he regularly speaks and gives tutorials at printing conferences in Europe and North America. In addition he is the publisher of Directions, a service that monitors ink jet patents and significant product launches.



Dr Tim Phillips, Business Manager -
Textiles, Xennia Technology Limited
Letchworth, Hertfordshire, UK

Tim is Business Manager - Textiles at Xennia, responsible for the R&D Contracts and Customised Solutions areas. This brings him into contact with a wide range of clients working at the leading edge of new applications. These include printed electronics, deposition of functional materials, and bio and medical applications as well as the latest graphics applications – anything that is at the forefront of this exciting technology.

Ink Jet Academy

Theory of Ink Jet Technology

Monday 5th - Tuesday 6th November, 2012

1.5 day course



The Ink Jet Academy gives you an expert start in the ink jet industry, or come for an update or to open up new ink jet fields.

Understanding the fundamentals is essential for any development. The Ink Jet Academy offers a one and one-half day course covering the basic theory of all the diverse types of ink jet technology

in use today. Learn how the printheads work, what materials are used in their fabrication and the theory of operation. Learn about inks and media, how they are formulated and the supply and support systems. This course assumes a basic scientific knowledge and will provide a useful background to anyone entering the ink jet industry or seeking an efficient update of ink jet technology.

MONDAY NOVEMBER 5, 2012

12:00 noon - 2:00 p.m. Registration

2:00 p.m. Opening session

INTRODUCTION

- Course overview
- Types of ink jet technology
- Brief history
- Drop on demand technologies
- Thermal & piezo ink jet
- State of the art
- Office & SOHO markets & applications

INDUSTRIAL APPLICATIONS

- Evolution of industrial ink jet printing
- Technology advances
- Printheads & printers
- Ink technologies
- Current status & emerging applications

INK TECHNOLOGY

- Understanding the ink jet printing process
- Designing an ink jet ink
 - Piezo drop on demand
 - Continuous ink jet
 - Thermal ink jet
- Properties influencing ink jet performance
- Typical performance issues
- Diagnosing typical ink problems
- Ink types: Solvent, aqueous & UV cure
- Testing an ink for reliability: Methods & characterisation

6:00 p.m.

Session closes

6:00 - 7:00 p.m.

Reception

TUESDAY NOVEMBER 6, 2012

9:00 a.m.

DOD PRINthead DESIGNS AND VENDORS

- Thermal ink jet
- Piezo ink jet
 - Piston mode designs
 - Roof mode actuators
 - Stacked piezo technology
 - Shear mode designs
 - Silicon printheads

MATERIALS FOR INK JET INKS

- Typical material requirements for successful ink jet printing
- Polymers, dyes & pigments
- Pigment dispersion technology & processing techniques
- Key suppliers
- Advances in UV curing ink technology
- Formulation considerations
- Challenges, properties & current performance

DOD PRINthead DESIGN CONSIDERATIONS

- Drop ejection frequency
- Crosstalk
- Printhead life
- Temperature control
- Drop placement accuracy
- Considerations for page arrays
- Greyscale techniques
- Drive waveforms

1:00 - 2:00 p.m.

Lunch

PRINT & IMAGE QUALITY

- Factors affecting print quality
- Technologies to improve print quality
- Improving image quality

SYSTEM DESIGN ISSUES

- Nozzle maintenance
- Drop detection
- Filling/bubble removal
- Ink supply and replacement

FUTURE DEVELOPMENTS

- Evolution of current technology
- Hardware & ink technology advancements
- Status & developments of ink technology
- Important future applications
- Recent & projected trends

5:00 p.m. Adjournment

AWA Inkjet Label & Packaging Print Seminar

Tuesday 6th - Wednesday 7th November, 2012

The versatility and flexibility of inkjet printing is creating significant developments, trends, and new applications in the global label and packaging markets

During this market-oriented, comprehensive one-day seminar, industry experts will share their knowledge, insights and innovations. Join them to discover how the inkjet print platform can benefit labels and packaging in your business.

AWA Alexander Watson Associates is a global business-to-business market research, publishing, and advisory services company with a unique focus on the specialty packaging, coating, and converting industries. Established in 1971 by Alexander Watson, the company has a reputation for providing focused, practical, reliable, and cost-effective information, and for a high degree of integrity in maintaining the confidentiality and trust of its industry information sources. As an added guarantee of consistency and quality assurance, AWA's Principals are personally involved at every stage of a project.

AWA
Conferences & Events

DiGiTAL | LABELS & PACKAGING
Technology and business opportunities

Media Partner



INKJET IN LABELS & PACKAGING & LABEL UPTAKE ACCELERATES, PACKAGING STILL WAITING

Sean Smyth, Editor, Digital Labels & Packaging, Buckinghamshire, UK

- The technology is developing rapidly and Drupa demonstrated that many manufacturers are firmly targeting the sector, not just inkjet
- Its not just printing, converting is important
- Market forecasts for inkjet labels and inkjet in cartons, flexibles, corrugated, rigid plastics, metal decorating
- Packaging supply chain pressures, how inkjet will help
- Late-stage customisation
- Web-to-Label, Web-to-Pack & will these change the world?

INFLUENCE OF THE INTERNET (CLOUD) ON COLOR ACCURACY OF DIGITAL LABELS

Geert de Proost, Project Manager RIPs & Screening, EskoArtwork BVBA, Gent, Belgium

Outline to be announced

SUSTAINABILITY THE PRINTERS RESPONSE

Isidore Leiser, President, Stratus Packaging Group, Luxembourg

Outline to be announced

5:00 p.m. Cocktail reception

WEDNESDAY NOVEMBER 7, 2012

9:00 a.m. Seminar Opening and welcome

COLOR INKJET AND EP PRESSES FOR LABEL AND PACKAGING—A POST-DRUPA VIEW

Ralf Schlözer, Director, European On Demand Printing & Publishing Services, Infotrends, Luton, UK

- The list of coming B2 and wide web digital presses for packaging, annotated
- Why digital presses will ramp up faster in folding cartons than they did in labels
- Where duplexing, reverse printing, and monomer migration will be issues
- What converters want, per results of a new survey about press usage
- The two megatrends that will spur digital press use even in a bad economy

UPGRADING PRINTING SYSTEMS TO A HYBRID DIGITAL-ANALOGUE TECHNOLOGY FOR THE LABEL AND PACKAGING INDUSTRY

Esteban Marin Guillen, Strategic Projects Engineer, Industrial Inkjet Ltd, Swavesey, UK

- How to integrate an inkjet print engine into an existing label or packaging printing line?
 - What are the challenges?
 - Where are the benefits?

STEP CHANGE IN SPEED AND PERFORMANCE – CAPABILITY AND DATA RATE DEMANDS OF THE LATEST INDUSTRIAL INKJET PRINTHEADS

Debbie Thorp, Business Development Director, Global Inkjet Systems Ltd, Cambridge, UK

- Review of latest high performance industrial inkjet printheads
 - Kyocera KJ4 40kHz
 - Konica Minolta KM1024i and KM1800i
 - Fujifilm Dimatix StarFire SG1024
 - Ricoh Gen 5
- Impact on labelling & packaging applications
 - Managing and maximising the opportunities
 - Data handling and system configurations

TWO HANDS ARE BETTER THAN ONE

Amanda Jones, International & UK Sales Manager, Paragon Inks, Broxburn, UK

- How digital and conversional UV - Flexo printing and developments are not in competition with each other
- UV - Flexo printing and developments compliment and work well together
- How they give brand owners and the consumer a complete package

12:15 p.m. Seminar closing remarks

12:30 p.m. Seminar closes

Register for both the
AWA Inkjet Label & Packaging
Print Seminar and
20th European Ink Jet
Conference and
receive a €80 discount!

TUESDAY NOVEMBER 6, 2012

11:00 a.m. – 1:00 p.m. Seminar registration and welcome coffee

1:00 p.m. Seminar opening and welcome

LABELLING & PRODUCT DECORATION MARKETS - GLOBAL REVIEW 2012

Corey Reardon, President & CEO, AWA, Alexander Watson Associates, Amsterdam, The Netherlands

- Timely overview of the global labelling and product decoration markets
 - Trends
 - Developments and growth
 - Opportunities and challenges
- Assessment of main labelling technologies as well as the different geographical areas

Reception

Tuesday 5:00 p.m.

Join us and enjoy local wines and beers, canapés, and of course good company!

20th European Ink Jet Printing Conference

Wednesday 7th - Friday 9th November, 2012

22 hours of presentations & networking over 3 days!

CONFERENCE FOCUS

This conference programme will give you a comprehensive assessment of technology and market development trends that will determine ink jet printing's role in the overall printing marketplace. The formal sessions and informal networking provides a unique, interactive environment for leading hardware, consumables, components, system integrator and user company representatives to network and develop an improved understanding of current developments and other forces that are shaping ink jet printing's role in the evolving digital printing industry.

- Over 20 presentations from industry leaders
- Our unique Suppliers Forum open to registrants to present their company and services
- Free table-top display space if pre-booked
- Industry market report from IT Strategies
- Ample time for networking at our inclusive receptions and lunch
- Best value in the industry!



WEDNESDAY NOVEMBER 7, 2012

11:00 a.m. - 2:00 p.m. Conference registration
2:00 p.m. Opening session

INTRODUCTION TO 20TH ANNUAL EUROPEAN INK JET CONFERENCE

Alvin G. Keene, President, Information Management Institute, Inc., Carrabassett Valley, Maine, USA & Director, IMI Europe, Cambridge, UK

CONFERENCE CHAIRS

Mike Willis, Managing Director, Pivotal Resources, Cambridge, UK
Debbie Thorp, Business Development Director, Global Inkjet Systems Ltd, Cambridge, UK

INKJET'S WAITING GAME

Mark Hanley, President, IT Strategies, Hanover, MA, USA

- False dawn? No, but ink jet takes it's time
- High specifications, great technology
- Good early market positioning
- Shallow growth curves

THE BIG LEAP: PRODUCTION INKJET AT DRUPA 2012

Ralf Schlözer, Director - European On Demand Printing & Publishing Services, Infotrends, Luton, UK

- Inkjet production printing developments at Drupa 2012
- The inkjet production printer competitive landscape
- Production inkjet application areas
- Design considerations for production inkjet presses
- Moving forward: Inkjet in competition with other printing processes

THE RUSH TO COLOUR – AN ALTERNATIVE VIEW OF THE MARKET

Bryan Palphreyman, Commercial Director, Graph-Tech AG, Oftringen, Switzerland

- Evolution from
 - Print module, to
 - Print bar, to
 - Printing press
- The continued demand for high-speed mono products

NANOGRAPHY – CHANGING THE FACE OF THE MAINSTREAM PRINT MARKET

Gilad Tzori, Vice President Product Strategy, Landa Digital Printing, Rehovot, Israel

- The obstacles faced by digital technology today
- The Nanographic difference
- Landa NanoInk™
- The Nanographic Printing™ process
- Economic advantages
- A new category of printing

ELAN-A NEW WAVE IN COLOR PRINTING

Kevin Howes, VP Sales, Marketing & Customer Experience, Delphax Technologies Inc, Bloomington, MN, USA

- Delphax Technologies - a tale of two companies
- The Delphax strategy
- Why Memjet?
- Who is Memjet today? - Silverbrook to Memjet
- Memjet printhead - "A disruptive approach"
 - Memjet engines vs. Delphax component integration
- elan 500 - versatility reigns
 - Width + redundancy
 - Speed & sheet size
 - Multiple print solutions

DRIVING INKJET TECHNOLOGY INTO COMMERCIAL APPLICATIONS THROUGH CUSTOMERS & PARTNERSHIPS

Donald Allred, Digital & Functional Printing, Eastman Kodak Company, Dayton, OH, USA

- Update on Kodak transition
 - Kodak positioned for success in its target areas, including commercial inkjet
 - Best Drupa ever for Kodak
- Stream inkjet technology basics
 - How the system operates and what makes it unique amongst inkjet technologies
 - Throughput, quality, and low cost of print positions the technology to compete directly against traditional plate printing methods
- Kodak forms Inkjet Technology Partnerships group to focus on expanded applications
 - Overview of ITP - what it offers, building blocks
 - Recent success story - Timsons Ltd.
 - High speed system for book production
 - Technical overview & business synopsis
 - Recent success story - Ryobi
 - Inkjet integrated into the sheet fed system
 - Technical overview & business synopsis
 - Flexibility of printing on various surfaces

7:00 p.m.

RECEPTION

Join us and enjoy local wines and beers, canapés, and of course good company!

Programme continues on next page

Includes two receptions -
enjoy local beer, wines
& canapés whilst networking!

20th European Ink Jet Printing Conference

Wednesday 7th - Friday 9th November, 2012

22 hours of presentations & networking over 3 days!

THURSDAY NOVEMBER 8, 2012

9:00 a.m. Session 2

GRAPHIC AND INDUSTRIAL INKJET DEVELOPMENT & TRENDS IN CHINA AND INDIA

Mack Xin, President, Human Digital, Shanghai & Jiashan, China & Stewart Partridge, Qudos Digital Ltd, Shanghai, China

- Brief on China and India demographics and development
- Development of the Chinese and Indian inkjet manufacturing base
- Evolution of a Chinese OEM – Human Digital
- Status of graphic and industrial inkjet in China and India
- Market trends and future forecast

AQUEOUS ASPIRATIONS: THE RE-EMERGENCE OF WATER-BASED INKS

Giles Branthwaite, Business Manager, Fujifilm Imaging Colorants, Manchester, UK

- Aqueous ink jet markets: past and present
- The enabling technologies getting us to this point
- Why aqueous ink?
- Future markets and the challenges they create
- Market potential: Deliverable or delusional?

INK JET METALLICS HAVE ARRIVED

Dr Stefan Engel, Project Manager Graphic Arts, Eckart, Hartenstein, Germany

- Market overview: Where are metallics printed today, market size?
- Opportunities for digital metallic printing
- Technological aspects
- Challenges
- Outlook

TECHNOLOGIES OF THE FUTURE - SEEING OVER THE HORIZON

Mike Willis, Managing Director, Pivotal Resources Ltd., Cambridge, UK

- Are patents a good way to understand technology trends?
- Distinguishing between likely developments & red herrings
- Trends in ink jet patent filings
- Latest developments & Drupa expectations - digital press vendors improve their technologies - Silverbrook's web press - Canon's web press - and more!
- What might the future ink jet industry look like?

HIGH THROUGHPUT PRINTHEAD ENABLES FURTHER PENETRATION OF PRINTING MARKETS

Shin Isikura, Deputy Manager, Ink Jet Product Development Section, Kyocera Corporation, Kirishima City, Japan

- Historical overview on printing markets
- Technical approaches by Kyocera to the market
- Introduction of Kyocera ink jet printhead KJ4
- Approach to high speed web printer market
- Approach to label printing market
- Approach to textile market
- Future of the technologies and markets

1:00 p.m.

LUNCH

Join us for traditional and modern Catalan cuisine, plus some local wines

**Register on-line at
www.imieurope.com**

2:30 p.m.

Session 3

SUPER HIGH QUALITY SINGLE PASS INK JET PRINTING: IMPACT AND CHALLENGE

Akiyoshi Ohno, President & CEO, KonicaMinolta IJ Technologies, Inc., Tokyo, Japan

- Half year later from Drupa 2012... What's going on now?
- KonicaMinolta's solution - a bit of detail
 - Concept
 - New head
 - Other technology to realize super high quality
- Chaos in IJ industry and future direction?

TECHNOLOGY ADVANCES IN PIEZO PRINTHEADS SUPPORT THE PRINTING WORLD'S CONVERSION TO DIGITAL FROM ANALOG

Joseph J. Ryan, Business Development Manager, Ricoh Printing Systems America, Inc., Simi Valley, CA, USA

- Forecasted growth for digital printing
- Market forces that influence printhead requirements
- Matching printheads to market applications
- Technology movements that will change the world of ink jet
 - Ink jettable PZTs?
 - PZTs without lead!
- How it will all come together or will it?

STARFIRE PRINTHEAD WITH REDIJET TECHNOLOGY FOR ULTRA-HIGH PERFORMANCE INDUSTRIAL SYSTEMS DESIGNS

Henrik Lauridsen, Sales Manager, Europe, FUJIFILM Dimatix, Inc.

- Entirely new printhead platform & architecture
- Performance and capabilities
- Platform evolution & drivers for future development
- Field experience and implications

MERGERS, ACQUISITIONS & CAPITAL RAISES FOR INDUSTRIAL INK JET

Dr. Kenneth D. Stack, President, Proximus, LLC, Ann Arbor, Michigan, USA

- Recent deals in the industrial ink jet space
- Why all the activity & what are acquirers looking for?
- Why do publicly traded companies pay so much for small ink jet technology companies?
- Capital raises: Venture capital vs. strategic investors
- Sell or raise capital: Considering your options

5:45 p.m.

SUPPLIERS FORUM

5 minute presentations related to technology, capabilities, services, new product introductions etc. The Supplier's Forum is open to all registrants.

7:00 p.m.

RECEPTION

Join us and enjoy local wines and beers, canapés, and of course good company!



Programme continues on next page

20th European Ink Jet Printing Conference



FRIDAY NOVEMBER 9, 2012

9:00 a.m. Session 4

DECORATING THE WORLD WITH INKJET Dr Alan Hudd, Managing Director, Xennia Technology, Letchworth, UK

- The continuing industrial inkjet success story
- Using design to leverage the inkjet advantage
- New developments in industrial inkjet technology
- Emerging applications for decorative surfaces
- Decoration and functionality - a powerful combination for customised mass production

ADVANCED INTEGRATION TECHNIQUES ARE MAKING "DIRECT TO PRODUCT" INKJET PRINTING AN INDUSTRIAL REALITY

Clayton Sampson, Managing Director, Cyan Tec, Loughborough, UK

- Using advanced print engine management techniques, inkjet can be made reliable enough for single pass industrial printing
- Advances in ink, pre-treatment systems and adhesion promotion techniques have allowed direct to product inkjet printing to become a reality
- What do direct to product print systems look like and what opportunities do they offer for product manufacturers and brand owners
- Is this a displacement technology or will inkjet create entirely new markets?
- What will this mean for the product decoration industry?

CURVED SURFACE DIRECT PRODUCT DECORATION - FROM PROTOTYPE TO PRODUCTION

Debbie Thorp, Business Development Director, Global Inkjet Systems Ltd, Cambridge, UK

- Why do direct product decoration?
- Understanding shapes - flat is easy; curved is.... challenging
- Supporting technologies
- From inks, heads and software to product handling & process management
- Integration into production lines
 - Parallelisation
 - Pipelining

INKJET IN INDUSTRIAL PRODUCTION PROCESSES Dr Umberto De Rossi, Director R&D, Mankiewicz Gebr. & Co., Hamburg Germany

- What is needed by industrial inkjet customers?
 - Speed vs. quality
 - Specification conformity
- Use of primers: Sprayable or jettable?
- Use of topcoats: Sprayable or jettable?
- Inkjet inks embedded in industrial coatings
- Simulation of single-pass industrial processes

THE FEASIBLE PRODUCTION OF INTEGRATING PRINTED ELECTRONICS INTO COMMERCIAL GRAPHIC PRINTING

David Pelling, Director, adphos UK Ltd, Reading, UK

- The growth of integrated printed electronics into commercial print such as packing, labels, POS and many others
- Some current applications and developments
- Principles of ink jet drying
- Some of the issues relating to the commercial use of ink jet conductive inks
- Substrate types and temperature issues
- Drying and sintering ink jet conductive inks at viable production speeds

12:30 p.m. Adjournment



UPCOMING IMI CONFERENCES

INK JET ACADEMY: THEORY OF INK JET TECHNOLOGY

November 5-6, 2012
Avenida Palace Hotel
Barcelona, Spain

AWA INKJET LABEL & PACKAGING PRINT SEMINAR

November 6-7, 2012
Avenida Palace Hotel
Barcelona, Spain

20TH ANNUAL EUROPEAN INK JET PRINTING CONFERENCE

November 7-9, 2012
Avenida Palace Hotel
Barcelona, Spain

23RD ANNUAL THERMAL PRINTING CONFERENCE

November 12-14, 2012
Hollywood Beach Marriott
Hollywood (Ft. Lauderdale), Florida, USA

9TH ANNUAL SECURITY PRINTING CONFERENCE

November 14-16, 2012
Hollywood Beach Marriott
Hollywood (Ft. Lauderdale), Florida, USA

2ND ANNUAL DIGITAL MANUFACTURING - OPPORTUNITIES FOR MANUFACTURING REBIRTH CONFERENCE

U.S. 2012 Dates & location to be announced

DIGITAL PRINTING WORLD 2013 CONFERENCES

22ND ANNUAL INK JET PRINTING CONFERENCE
Winter, 2013
Dates and U.S. location to be announced

INK JET ACADEMY: THEORY OF INK JET TECHNOLOGY

Winter, 2013
Dates and U.S. location to be announced

AWA INKJET LABEL & PACKAGING PRINT SEMINAR

Winter, 2013
Dates and U.S. location to be announced

For additional information and registration, visit IMI's web site www.imiconf.com

REGISTRATION FEES

INK JET ACADEMY COURSE	AWA INKJET LABEL & PACKAGING PRINT SEMINAR	INK JET PRINTING CONFERENCE
<ul style="list-style-type: none"> Attendance at all sessions Course reference binder & CD One lunch One reception Coffee breaks €1,045, £865, \$1,345	<ul style="list-style-type: none"> Attendance at all sessions Seminar reference binder & CD One lunch One reception Coffee breaks €595, £465, \$725	<ul style="list-style-type: none"> Attendance at all sessions Conference reference binder & CD One lunch Two receptions Coffee breaks €1,045, £865, \$1,345

UK VAT at 20% or the prevailing rate will be added to registration fees for UK companies only

DISCOUNTS

Ink Jet Academy Course or AWA InkJet Label & Packaging Print Seminar + Ink Jet Conference	€80, £70, \$100
2 or further registrants from the same company for same event	€80, £70, \$100

You can only receive one discount per person. Confused? No problem, just register and we will apply the maximum discount you are entitled to!

BOOKING POLICY

Cancellations will receive a 100% refund if made 1 week prior to the start of the events. Substitutions may be made at any time but please let us know.

HOW TO REGISTER

- Please register on-line via our web site - www.imieurope.com

We will check availability, and email to you your registration information and an invoice with details of how, when and where to pay.

- Alternatively fill in the form below (copy it first if you wish to register more than one person), and fax it to:

Christine at IMI Europe, Cambridge, UK - Fax: +44 1223 235901

I wish to pay in the following currency: UK £ ☐ Euro € ☐ US \$ ☐

Please invoice me for payment via: Bank Transfer ☐ Credit card (will be billed in UK £) ☐

Hotel reservations and charges are the responsibility of each conference registrant
Special room rate € 120 per night (double room € 130) including breakfast is available up to October 5, 2012
Details are on the previous page. Please book via our web site to receive this rate

REGISTRATION FORM

Conferences or Course required - indicate below

INK JET ACADEMY ☐ € 1,045, £ 865

AWA INKJET LABEL & PACKAGING PRINT SEMINAR ☐ € 595, £ 465

20th EUROPEAN INK JET CONFERENCE ☐ € 1,045, £ 865

Discount for multiple courses or registrants € 80, £ 70

MONDAY 5	TUESDAY 6	WEDNESDAY 7	THURSDAY 8	FRIDAY 9
	Ink Jet Academy Course			
		AWA InkJet Label & Packaging Print Seminar		
			20 th European Ink Jet Conference	

NAME JOB TITLE

COMPANY

ADDRESS

CITY POSTCODE COUNTRY

PHONE FAX:

EMAIL