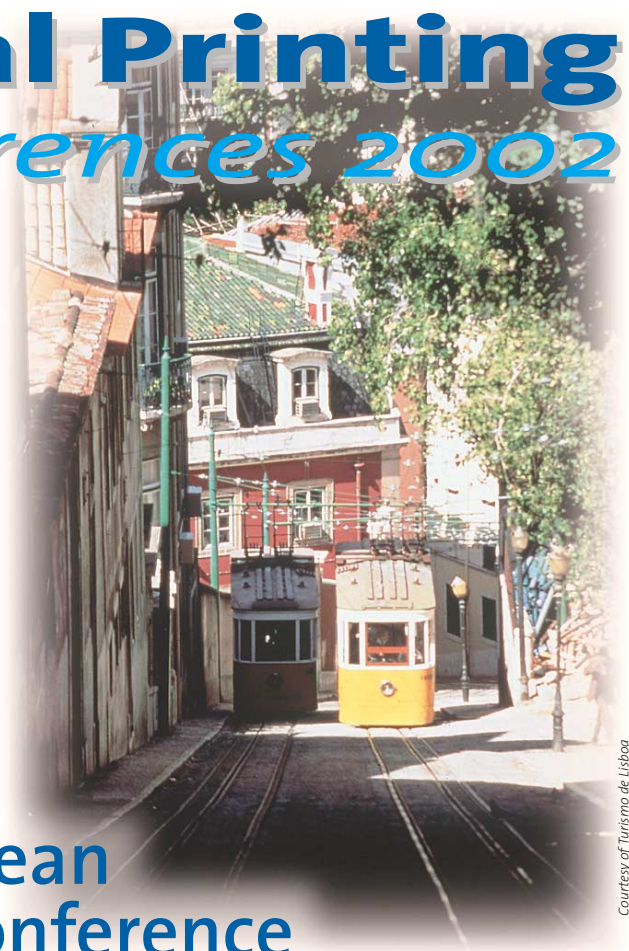




Digital Printing Conferences 2002



Courtesy of Turismo de Lisboa

Sheraton Lisboa
Hotel & Towers
Lisbon
Portugal

10th Annual European Ink Jet Printing Conference

Monday 28th - Wednesday 30th October, 2002

Join us for the ONLY dedicated ink jet conference this autumn. Learn about the latest technology and market developments, hear the major vendors announcements, and network with the movers and shakers from this fast growing industry.

5th Annual Digital, Industrial & Decorative Printing Conference

Wednesday 30th October - Friday 1st November, 2002

A full two days focussing on the latest in digital industrial production printing technology. Hear all about the digital printing technologies and solutions for commercial printing, labelling, overprinting and direct decoration of a wide range of substrates.

Ink Jet Academy Theory of Ink Jet Technology

Sunday 27th - Monday 28th October, 2002

A 1 1/2 day comprehensive course describing the latest advances in ink jet and ink technologies, led by Mike Willis of Pivotal Resources & Alan Hudd of Xennia 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 technical and management personnel from over 600 companies attend around 20 programmes covering ink jet, thermal, laser, high speed digital printing, textile, industrial and other forms of digital printing.

THE CONFERENCES

IMI Europe brings together two major conferences plus the acclaimed course - The Ink Jet Academy. Each programme has been designed to give participants a thorough technical and marketing perspective of their industries, with presentations by acknowledged leaders in their field. Completely up to date, there is simply no better information available.

THE LOCATION

This autumn we have chosen Lisbon for our conference programmes. This one thousand year old city is the capital of Portugal. Built on seven hills and mirrored by the Tagus River, it was once the capital of a mighty empire that spanned five continents. There are reminders everywhere of its victories and defeats going back to the Roman times.

WELCOME TO DIGITAL PRINTING 2002

IMI Europe has once again put together an outstanding programme for Digital Printing 2002. Our 10th Annual European Ink Jet Printing Conference is packed with the latest overviews, updates and technology developments for office, industrial printing and media. This year the 5th Annual Digital, Industrial & Decorative Printing Conference focusses on the emerging industrial printing and decorative markets. And if you need to get up to speed with ink jet, join our very popular and successful course - the Ink Jet Academy.

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 lunches and receptions. Also registrants are welcome to display company literature in our separate display area.

How could you miss it. See you in Lisbon!

Mike Willis, Managing Director, IMI Europe Ltd



Lisbon's Cathedral, Courtesy of Turismo de Lisboa

UPCOMING IMI US CONFERENCES

1st Digital Electronic Materials Deposition Conference

October 14-16 2002, Palm Springs, California

6th Annual Digital Printing Of Textiles Conference

October 16-18 2002, Palm Springs, California

11th Annual Laser Printing Conference

January 27-29 2003, Scottsdale, Arizona

6th Annual Toner & Powder Coatings Conference

January 29-31 2003, Scottsdale, Arizona

The Ink Jet Academy

February 3-4 2003, Scottsdale, Arizona

1st UV Ink Jet Symposium

February 3-4 2003, Scottsdale, Arizona

Ink Jet Printing Developers Conference 2003

February 5-7 2003, Scottsdale, Arizona

2nd Annual RFID Conference

February 24-26 2003, Orlando, Florida

13th Annual Tag, Ticket & Label Conference

February 26-28 2003, Orlando, Florida

3rd Annual Digital Asset Management Conference

March 3-5 2003, Orlando, Florida

10th Annual Industrial Scale Digital Printing Press Conference

March 5-7 2003, Orlando, Florida

For complete details and registration information visit IMI's web site www.imiconf.com



Tower of Belem, Lisbon, Courtesy of Turismo de Lisboa

LOCATION

The Sheraton Hotel & Towers is centrally located in Lisbon, and is a ten minute taxi ride from Lisboa International airport.

The Sheraton Hotel & Towers features underground parking, a business and communications centre, a variety of shops, a health club with a heated outdoor pool, gym, sauna, steambath and massage. This hotel offers a unique opportunity to combine a relaxing weekend or vacation in Lisbon in conjunction with attendance at IMI Europe's conferences.

Lisbon offers plenty of bars, restaurants, sightseeing, monuments, museums and shopping. The city is relatively small and easy to get around. Just outside the hotel is a metro station, and also taxis are plentiful and low-cost.

Within easy reach of Lisbon are some of Europe's most beautiful beaches and golf courses, as well as horse riding centres, water sports, the glamorous resort of Estoril, the village of Sintra and the mountains of Arrábida.

For additional information on Lisbon, visit Turismo de Lisboa Web Site at:

<http://www.atl-turismolisboa.pt>

The Sheraton Hotel & Towers address is:

The Sheraton Hotel & Towers
Rua Latino Coelho 1
1069-025 Lisboa
Portugal

Phone: +351 21 312 0000
Fax: +351 21 354 7164
Email: sheraton.lisboa@sheraton.com
Web Site: www.sheraton.com/lisboa

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 Sheraton Hotel & Towers, Lisbon, Portugal will receive a complimentary copy of the latest edition of the "WORLDWIDE PRINTER AND SUPPLIES MARKET REPORT."

HOTEL INFORMATION

The 10th Annual European Ink Jet Printing Conference, 5th Annual Digital, Industrial & Decorative Conference and the Ink Jet Academy are being held at the Sheraton Hotel & Towers, Lisbon, Portugal. Hotel reservations and charges are the responsibility of each conference registrant. The discounted hotel rate is Eur. 140 for single occupancy and Eur. 160 for double occupancy - buffet breakfast included. **EARLY BOOKING IS ADVISED:** The Sheraton Hotel & Towers will guarantee the reduced rate only until **September 27, 2002**. Requests after that date will be on a space available basis. To receive the special rate, you must identify yourself as a registrant to an IMI Europe Conference.

To make hotel reservations:

Phone +351 21 312 0000
Fax +351 21 357 5073

PRODUCT DEMONSTRATIONS

Product demonstrations or displays by both conference speakers and registrants are encouraged. IMI will cooperate 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 book space.

email: imi@tdstelme.net
tel: +1 207 235 2225
fax: +1 207 235 2226



Eating out in Lisbon, Courtesy of Turismo de Lisboa

Ink Jet Academy

Theory of Ink Jet Technology

Sunday 27th - Monday 28th October, 2002

1.5 day course

Sheraton Lisboa Hotel & Towers,
Lisbon, Portugal



THE THEORY OF INK JET TECHNOLOGY

THE INK JET ACADEMY provides a programme and format to get an expert start in the ink jet industry, to get an update or to open up new ink jet fields.

Understanding the fundamentals is a prerequisite to 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.

SUNDAY 27 OCTOBER 2002

8:00 a.m. - 9:00 a.m. Registration
9:00 a.m. Opening session

INTRODUCTION

- Why ink jet?
- Course overview
- Types of ink jet technology
- Brief history

DESK-TOP INK JET

- Drop on demand technologies
- Thermal & piezo ink jet
- State of the art
- Markets & applications

INDUSTRIAL INK JET

- Industrial drop on demand
- Continuous ink jet
- Applications
- Market development
- Printer OEMs

INK TECHNOLOGY

- Evolution of ink jet inks
- Ink jet ink formulations
- Ink types & properties
 - Aqueous-based
 - Oil-based
 - Solvent-based
 - Phase change
 - UV curable

1:00 - 2:00 p.m. Lunch

DOD PRINthead DESIGNS AND VENDORS

- Thermal ink jet
- Piezo ink jet
- Moving wall technology

MATERIALS FOR INK JET INKS

- Critical materials
- Colorants
- Polymers
- Solvents and additives
- Vendors & ink distribution chain

DOD PRINthead DESIGN CONSIDERATIONS

- Drop ejection frequency
- Crosstalk
- Life
- Drive voltages
- Temperature control
- Drop placement accuracy
- Considerations for page arrays

5:30 p.m. Session closes
7:00 p.m. Reception

MONDAY 28 OCTOBER 2002

9.00 a.m.

INSTRUMENTATION FOR INK JET DEVELOPMENT

- Reliability
- Jet characteristics
- Quality control

MEDIA

- Paper & coatings
- Drying mechanisms
- Light & waterfastness
- Non-paper media

PRINT QUALITY

- The 3 factors affecting print quality
- Fundamental parameters
- Technologies to improve print quality

SYSTEM DESIGN ISSUES

- Resolution & nozzle pitch
- Filling/bubble removal
- Improving image quality
- Photo printing techniques
- Housekeeping
- Ink supply and replacement

FUTURE DEVELOPMENTS

- Evolution of current technology
- New developments
- Status & developments of Ink Technology

1:00 p.m. Adjournment & Lunch

COURSE LEADERS

Mike Willis, Managing Director
Pivotal Resources Limited
Cambridge, England

Mr. Willis founded Pivotal Resources, a consultancy in the digital printing industry, in late 1995. He has experience in a wide range of technologies and markets including drop-on-demand and continuous ink jet printing, electrophotographic 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 founder member of Xaar - a spin-off company from Cambridge Consultants Ltd., where Mr. Willis spent ten years working in a number of roles, culminating as Group Leader of Nonimpact Printing. Before that, he spent six years at Gestetner Ltd., developing photocopier processes.

Mr. Willis graduated from the Polytechnic of Central London with an honours degree in Photographic Sciences.

Dr. Alan L Hudd, Managing Director
Xennia Technology Limited
Royston, Hertfordshire, England

In April 1996, Dr. Hudd co-founded Xennia Technology; the world's first independent contract ink jet technology house dedicated to developing new ink jet inks for both the industrial and office ink jet industries.

In 1987, Alan joined Domino Printing Sciences and spent eight years as the Fluids Technology Manager, developing a wide range of ink jet ink for diverse applications and is credited with a number of patents and significant innovations within the industrial ink jet industry. Prior to Domino, he spent almost eight years with the Ministry of Defence and Royal Ordnance in the UK, developing new solid polymer rocket propellants for air to air missiles.

Dr. Hudd graduated with B.Sc. Honours degree in Chemistry and Physics, M.Sc and Ph.D research degrees in Polymer Chemistry from Manchester University.

Dr Kevin Hall, Business Support Manager
Xennia Technology Limited
Royston, Hertfordshire, England

Dr. Hall joined Xennia Technology Ltd in 1998 and is now their Business Support Manager, responsible for new business development and project support.

From 1996 Kevin was the Technical Manager of Imation's European Research Centre in the UK with responsibility for the development of new photographic media. Successes include technologies used in medical and colour photographic silver halide films known under the Trimax™ and Scotch™ film brands. He has also worked in the field of liquid toner electro photography. Kevin joined 3M in 1984, working as an emulsion scientist at the 3M UK research facility. His work in the areas of antistatic coatings, high contrast and contact emulsions led to the graphic arts products such as 3M Excelerate™ and DRC™, with the antistatic technology being used in a range of film products. He holds over 13 patents and has presented at a variety of conferences.

Dr. Hall graduated with a 1st class BA Honours degree in Chemistry and a D.Phil in Gold Chemistry from Oxford University, UK. He is a Fellow of the Royal Society of Chemistry.



10th ANNUAL EUROPEAN INK JET PRINTING

Monday 28th - Wednesday 30th October, 2002

Sheraton Lisboa Hotel & Towers, Lisbon, Portugal

CONFERENCE FOCUS

Ink jet printing continues to make technology advancements in product functionality, cost performance, print quality, and colour printing capabilities. Such improvements have made ink jet printing the leading computer printer technology and have enabled the development of new markets and applications. In addition to personal computer printing, applications such as wide format printing, photo quality printers, multifunction printers, digital presses, colour office printers, and industrial printing are providing market opportunities for ink jet printing technology, but in a very competitive environment.

This conference programme is designed to provide participants with 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 sessions provide a unique, interactive environment for leading hardware, consumables, components, software, 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.

MONDAY, OCTOBER 28, 2002

11:00 a.m. - 5:00 p.m. Conference Registration
2:00 p.m. Opening session

WELCOME AND INTRODUCTIONS

Alvin G. Keene, President, Information Management Institute, Inc, Kingfield, Maine, USA & Director, IMI Europe, Cambridge, England

INK JET INDUSTRY DEVELOPMENTS & DIRECTIONS

ROLE OF INK JET PRINTING IN A COMPETITIVE MARKET PLACE

Dr. Ross N. Mills, President, imaging Technology international, Boulder, Colorado, USA

- Ink jet printing technologies
 - State of the art
 - Strengths & weaknesses
 - Enablers & inhibitors
- Competitive issues for ink jet printing
- New applications for ink jet

DIRECTIONS IN INK JET TECHNOLOGY

Michael Willis, Managing Director, Pivotal Resources Ltd, Cambridge, England

- Latest products & developments
- Emerging industrial markets for ink jet
- New applications & products
- The patent scene

THE DRAGON AWAKES - HOW CHINA WILL IMPACT THE GLOBAL INK JET INDUSTRY

Stewart Partridge, Managing Director, Web Consulting Ltd, Ardington, England

- Chinese demographics and economic trends
- Influence on advertising and construction industries
- Implications for POP, signage, outdoor graphics
- Evolution of Chinese printing sector
- Importers, WHOFE's, domestic manufacturers
- New Chinese ink jet developers
- The Future: Why China will affect the ink jet world

DIGITAL INK JET DEVELOPMENTS IN CHINA

Ian MacGregor, Director of Marketing, Xaar Ltd, Cambridge, England

- China - the emerging giant
- Ink jet trends in Asia pacific
- Developments of printers
- Ink requirements
- Time to market
 - China versus the Western World
- A question of cost

IMPACT OF PAPER-LIKE DISPLAYS ON PRINTING & PAPER

Tom Ashley, Principal, BIBLIO-tec, Marshfield, Massachusetts, USA

- Applications for paper-like displays
- Displays versus paper: Pro's & cons
- Myth of the paperless office
- But how about the paper-less book?

INK JET PRINTING - GREAT PROMISE & GREAT RISK

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

- Success inside & outside the office
- Limits for ink jet in the office?
- Where ink jet can go
- Milestones to be targeted for ink jet

7:00 p.m. Reception

TUESDAY, OCTOBER 29, 2002

9:00 a.m. SESSION 2

ADVANCES IN PRINTHEAD TECHNOLOGY

TONEJET: A VERSATILE DIGITAL PRINTING TECHNOLOGY FOR PRODUCTION APPLICATIONS

John Teape, The Technology Partnership, Melbourn, England

- Principles of operation
- ToneJet's features and benefits
- Advantages over ink-jet systems in production applications
- Application study: PCB printing
- Other applications

THE FUTURE FOR WIDE FIXED INK JET ARRAYS

Marc Torrey, Sales & Technical Support Manager Europe, Spectra Inc, Amsterdam, The Netherlands

- The allure of single pass
- Technical challenges
- Present day approaches
- Requirements for future printheads

FLATJET TECHNOLOGY

Dr Albert Kocsis, Director R&D, Multimedia Studio, Budapest, Hungary
Patrice Girard, Grenoble University, Grenoble, France

- How FlatJet works
- Potential and limitations
- Ink requirements
- Applicable media
- Printing speed
- Expected position of a FlatJet printer in the market

CREO MULTI-DROP ARRAY INK JET TECHNOLOGY

Sam Darby, Product Manager, Iris Graphics, Billerica, Massachusetts, USA

- Proofing precision, not beauty
- The changing proofing market
- Current technology
 - Continuous ink jet
 - Drop on demand
- Creo Multi-Drop array
- What this means to proofing
- Future improvements

A NEW PLATFORM FOR INK JET PRINTING PRODUCTS

Dr Evan Smouse, Director of Strategic Technology, Imaging & Printing Group, Hewlett-Packard, Corvallis, Oregon, USA

- Out with the old - In with the new
- Recent advances in writing system performance
- Breakthroughs in lightfastness for dye-based inks
- New photo media architecture
- Embedded digital photography technologies
- Roadmap for image permanence

1:00 p.m. Luncheon

2:30 p.m. Session 3

ADVANCES IN INK JET INK

INK COMPANIES & THE FUTURE OF INK JET

Dr Kenneth D. Stack, VP & General Manager, Digital Division, Flint Ink Corporation, Ann Arbor, Michigan, USA

- Ink is the key consumable of ink jet
- Growth of industrial markets
- Evolving business model for ink jet
- Distribution and support requirements
- Changing ink requirements and requirements for the future

PRINTING CONFERENCE

2 day conference

100% UV CURE - LATEST ADVANCES FOR DOD PRINTING

Dr Andrew Overend, Avecia Ink Jet Printing Materials, Manchester, England

- Overview of Avecia's track record in IJ ink development
- The positioning of 100% UV vs other ink technology for industrial applications
- Evolution of UV IJ technology and recent technology advances
- Future development trends for 100% UV inks
- Issues inhibiting the penetration 100% UV IJ in to the industrial market

THE UV-CURING & APPLICATION NEEDS OF THE INK JET PRINTING MARKET

David Pelling, Sales Manager - Specialist Products, GEW (EC) Ltd, Redhill, England

- UV curing in the ink jet market
 - Currently established use of UV
 - Developing market segments
- What do the customers need?
 - Results of market survey 2002
 - Customers concerns and the solutions
- What products meet these needs?
 - Design and integration
- The future

CHOOSING THE RIGHT INK SYSTEM - KEEPING AN OPEN MIND

Peter Walshe, Business Development Manager, SunJet, Midsomer Norton, England

- Overview of ink technology for piezo
- Available inks and suitability
- The print markets entering ink jet
- UV curing - the answer to everything?
- Matching up inks, heads & systems integration
- Aqueous inks and the need for integration
- Future ink development drivers and trends

SOFTWARE FOR THE DESIGN OF INK CHEMISTRY & FORMULATION

Dr Carlota Conesa-Moratilla, Senior Applications Specialist Materials Science, Accelrys Ltd, Cambridge, England

- Basics
 - Modelling & simulation for chemicals and materials development
 - Materials informatics: Structure-property (QSPR) relationships and formulation
- Application examples
 - Pigments & dyes; design, development, crystallization
 - Surfactant action
 - Polymer solution rheology
 - Miscibility & dispersion stability
 - QSPR of ink jet coating
- Benefits

7:00 p.m. Reception

Why not register on-line?
<http://www.imieurope.com>



Lisbon's waterfront, Courtesy of Turismo de Lisboa

WEDNESDAY, OCTOBER 30, 2002

9:00 a.m. Session 4

SYSTEM ISSUES- WHAT'S NEW?

THE DEGRADATION PROCESSES OF INK JET IMAGES

Dr Gary Allen, Director, Ink Jet Materials Platform, Eastman Kodak, Rochester, New York, USA

- Degradation processes
 - Light
 - Moisture
 - Humidity
 - Temperature
 - Atmospheric pollutants
- Comparison of commercial products
 - Dye-based ink jet
 - Pigment-based ink jet
 - Comparison with electrophotography & silver halide
- Model to estimate print life based on accelerated testing

EFFECT OF VARIOUS CONTAMINANTS ON INK JET PHOTO PRINTS

Peter Mason, VP & General Manager, Torrey Pines Research, Rochester, New York, USA

- Suite of materials
 - Glues
 - Hand lotions
 - Alcohol
 - Marker pens, etc.
- Test results on various inks & papers
- UV & humidity cycling

THE FORENSIC EXAMINATION OF OFFICE MACHINE SYSTEMS UTILIZING INKJET AND TONER TECHNOLOGY

Gerry LaPorte, Forensic Document Analyst/Chemist, United States Secret Service, Washington, DC, USA

- Why forensically analyse materials produced by printers and photocopiers?
- Types of crimes using modern printers and photocopiers - counterfeiters, businesses, terrorists
- Physical examination of documents
- Chemical examination of inks/toners found on documents
- The future of forensic ink analysis

ICC SUPPORT FOR NON-POSTSCRIPT DEVICES

Brian Andrews, Product Manager, Software 2000, Oxford, England

- Is ICC based colour management beneficial for ink jets?
- Technology advancements remove the ICC barriers
- Calibrating and characterising devices
- RGB input with the benefit of full CMYK control
- Supporting multiple channel devices
- Selecting appropriate CMM technology

MONITORING PRINT INTEGRITY - AN ESSENTIAL SYSTEM COMPONENT FOR FUTURE APPLICATIONS

Allan Harle, FormScan, Frome, England

- Consequences of deletions or print errors
- Special issues for the pharmaceutical industry
- Using machine vision for
 - Quality control
 - Verification of accuracy
- Interaction between ink jet variables and good image capture

1:00 p.m. Adjournment and Luncheon

CONFERENCE CO-CHAIRMEN

Dr. Ross N. Mills, iTi
Mike Willis, PIVOTAL RESOURCES

CONFERENCE SPEAKERS

ACCELRYS, Dr Carlota Conesa-Moratilla
AVECIA, Dr Andrew Overend
BIBLIO-TEC, Tom Ashley
EASTMAN KODAK, Dr Gary Allen
FLINT INK, Dr Kenneth D. Stack
FORMSCAN, Allan Harle
GEW (EC) LTD, David Pelling
HEWLETT-PACKARD, Dr Evan Smouse
IRIS GRAPHICS, Sam Darby
iTi, Dr Ross N. Mills
IT STRATEGIES, Mark Hanley
MULTIMEDIA STUDIO, Dr Albert Kocsis
PIVOTAL RESOURCES, Mike Willis
SOFTWARE 2000, Brian Andrews
SPECTRA, Marc Torrey
SUNJET, Peter Walshe
TORREY PINES, Peter Mason
TECHNOLOGY PARTNERSHIP, John Teape
UNITED STATES SECRET SERVICE, Gerry LaPorte
WEB CONSULTING, Stewart Partridge
XAAR, Ian McGregor



5th ANNUAL DIGITAL, INDUSTRIAL & DECORATIVE

Wednesday 30th October - Friday 1st November, 2002

Sheraton Lisboa Hotel & Towers, Lisbon, Portugal

CONFERENCE FOCUS

DRUPA 2000 marked the point at which it was clear that digital printing had truly come of age. Existing players and newcomers showed digital presses capable of outstanding output over a wide range of throughput. In addition we saw the birth of a new industry - digital decoration of materials using ink jet technology.

In Lisbon we are focussing on these new markets and applications for digital printing - toner, thermal and ink jet technologies and the vendors who are making this happen. The old ways of printing and manufacturing are being challenged. New technologies are enabling new ways of doing business and cannot be ignored.

WEDNESDAY, OCTOBER 30, 2002

11.00 a.m. - 5.00 p.m. Registration

2:30 p.m. Session 1

DIGITAL PRINTING - CHANGING THE FACE OF PRODUCTION PRINTING

WELCOME & INTRODUCTION

Debbie Thorp, Director - Business Development, AIP Ltd, Melbourn, England

EMERGING APPLICATIONS FOR INK JET TECHNOLOGY

Tom Ashley, Principal, BIBLIO-tec, Marshfield, Massachusetts, USA

- Emerging applications for ink jet printing
- Printing applications
- Applications that resemble printing
- Beyond printing

THE PROMISE OF DIGITAL COLOUR

John Doyan, Managing Director Europe, Scitex Digital Printing, St-Prex, Switzerland

- Cost, value & efficiencies of digital colour
- Failures of digital colour to deliver on the promise
- Introduction of Business Colour™
- Background of business and technology
- Customer case studies show how Business Colour™ can deliver the promise
- VersaMark cost of operation data compared to available monochrome and colour printers
- How VersaMark delivers on promise

DRIVING PAGES TO DIGITAL PRESSES

Erwin Busselot, Director Marketing Europe, HP, Indigo Division, Maastricht, The Netherlands

- Integrating the supply chain
 - Publishing expertise of printers
 - Needs of corporate customers
 - Marketing & advertising agencies
- Fundamental choices
 - CtP, DI or digital?
- HP Indigo digital presses
- Digital Offset colour technology
- Applications
 - Short-run
 - On-demand
 - Variable data printing

DICOWEB: DIGITAL CHANGEOVER HIGH SPEED SHORT RUN PRODUCTION PRINTING

Dr Andreas Feil, Head of Division, DICOWeb Product Management, MAN Roland, Augsburg, Germany

- DICOWeb - forget your plates
- Market - segmentation
- System integration
- Format variability
- Structure of DICOWeb platform
- Image management

COLOUR PRODUCTION PRINTING - QUALITY/PRICE SURVEY

Hans Andriese, Senior Partner, Andriese Consultancy, Amsterdam, The Netherlands

- "Mystery shopping" digital print
 - Pan-European
 - Different equipment brands
- Results of survey
 - Variations in pricing
 - Variations in quality
- Print buyers focus group
- Practical results and realities of sourcing digital print

7:00 p.m. Reception

THURSDAY, OCTOBER 31, 2002

9:00 a.m. Session 2

DIGITAL PRINTING FOR PACKAGING & DISPLAY

INDUSTRIAL MARKETS FOR DIGITAL PRINTING

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

- A workable definition of industrial markets
- Is digital printing ready?
- What will users accept?
- Kick-starting a digital packaging market - How?



HYBRID WORKFLOWS - DIGITAL AND ANALOGUE TECHNOLOGIES COMPLEMENTING EACH OTHER

Amir Veresh, Business Development Manager, Scitex Vision, Herzlia, Israel

- Wide format market
 - Present analogue & digital presence
 - Market structure
- Applications
 - The overlap usage of analogue and digital systems for same applications
 - Unique applications of each technology
 - Gaps of applications (mass customisation issues)
- Technologies specific characteristics
- Can we have it all?
- The hybrid workflow
 - RTS - take sheets printed digitally for additional processing on screen printing line
 - STS - Take sheets printed using analogue printing for digital additional processing
- Screen printing screening effect
- Hybrid systems

DIGITAL PRINTING IN PACKAGING & LABELS

Dirk Van Thillo, Director Marketing, Xeikon International, Lier, Belgium

- Solutions for digital labelling & packaging
- Successful applications
- Short runs
- Versioning
- Variable information

DIGITAL PRINTING FOR THE SIGNMAKING INDUSTRY

Elaine Pullen, President, Gerber Scientific Products, South Windsor, Connecticut, USA

- What does a typical signmaker do?
- How has digital printing changed signmaking?
- Thermal and ink jet systems
- Media requirements
- System integration
- Future requirements

THE FUTURE OF COLOUR CONTROL IN DIGITAL PRINTING APPLICATIONS

Marco Cattarozzi, OEM Business Development Manager, Gretag Macbeth, Regansdorf, Switzerland

- More user-friendliness in colour control
- Connecting e-commerce applications with the colour control of the printers
- Special problems and issues with ink jet
- Automatic and dynamic colour management, with (almost) no user interaction
- Project examples
- Colour management and colour control in two years time

1:00 p.m. Luncheon

Why not register on-line?
<http://www.imieurope.com>
Questions? Then email us at
enquiries@imieurope.com

DECORATIVE PRINTING CONFERENCE

2 day conference

2:30 p.m. Session 3

DIGITAL DECORATION

THE FACTORY REPLACES CONVENTIONAL SAMPLE PRESSES IN THE DECORATIVE LAMINATE MARKET
Jasmine Geerinckx, Manager Decorative Systems, Dotrix, Gent, Belgium

- The decorative laminate market
- Who is Chiyoda Europe?
- Conventional sampling workflow
- Digital InSpiration workflow
- Benefits and cost savings
- Summary

DIGITAL DIELESS - BRILLIANCE ON DEMAND

Robert Goodfellow, Project Leader, API Foils Ltd, Livingston, Scotland

- High-gloss digital metallic effects
- Why digital dieLESS? - How it works
- Developing the concept
- * Prototype print engine
- Potential markets, key applications
- Future developments

HIGH PRODUCTIVITY THERMAL PRINTING FOR COMMERCIAL, INDUSTRIAL AND DECORATIVE APPLICATIONS

Harry Schofield, President & CEO, Atlantek Inc, Rhode Island, USA

- Thermal printing market update
- Fit for thermal printing in commercial, industrial and decorative applications
- Recent advances in high productivity thermal technology
 - media
 - printing systems
- Update on products and applications - Some real success stories
 - Ticket, tag, and label printing
 - Signs, banners, screen printing, commercial graphics
 - Decorative and rigid media printing - Mass personalization
 - Photo identification and security printing
 - High speed digital photograph printing
- Summary versus competing technologies
- Future trends

POP - THE FIRST DIGITAL COLOUR PRESS FOR PLASTIC CARD

Paul Morgavi, Manufacturing Equipment Department Manager, Gemplus, Gemenos, France

- Plastic card manufacturing state of the art
- What smart card manufacturers are looking for?
- Digital printing for plastic cards
- POP, the first digital plastic card press
- What will be the next step?

Lunches will be held in the rooftop restaurant of the Sheraton Hotel & Towers with a magnificent panoramic view across the city of Lisbon

NEW OPPORTUNITIES IN DIGITAL TEXTILE PRINTING

Ronald J. Beard, DuPont Textiles, Wilmington, Delaware, USA

- Current uses of digital textile printing
- Advantages over screen printing
- Market opportunity for digitally printed textiles
- User needs in different market segments
- Digital printed textile samples

7:00 p.m. Reception

FRIDAY, NOVEMBER 1, 2002

9:00 a.m. Session 4

DIGITAL PRINTING AS PART OF A MANUFACTURING PROCESS

JET TO MANUFACTURE

Dr Alan Hudd, Managing Director, Xennia Technology Ltd, Royston, England

- Overview of interest in using ink jet to:
 - Decorate products
 - Revolutionise manufacturing processes
 - Create products
- Industrial solutions
 - It's more than print heads, ink and integration
- Ink jet printing difficult materials
 - Pigments
 - Phosphors
 - Metals
 - Paints
- Key ink jet chemistry platforms
 - Solvent-based inks
 - UV cure chemistries
- Applications
 - Automotive
 - Electronic
 - Displays
 - Industrial product decoration

NOVEL DISPENSING & DECORATION APPLICATIONS FOR PIEZOELECTRIC DOD INK JET

Per Frost, VP of Marketing & Sales, Spectra Inc, Hanover, New Hampshire, USA

- Opportunity overview
- PLED-based Flat Panel Displays (FPD)
- Requirements for digital manufacture of FPDs
- Design of printheads for FPD manufacture
- From laboratory to full scale production
- Future directions

UV CURING ON DELICATE SUBSTRATES

Pat Keogh, Product Manager, Nordson UV Ltd, Slough, England

- Why curing on delicate substrates is a problem
- Other curing issues, particularly with ink jet
- Nordson's solution
- How it works



ELECTROSTATIC CONTROL OF POWDER COATINGS ON TABLETS

Peter Mason, VP & General Manager, Torrey Pines Research, Rochester, New York, USA

- Predictably coating to a required coating weight & thickness
- Issues with "industrialising" the developer design
- Tablet handling issues
- Problem of uniformly coating a non-flat surface
- A new theory of field collapse
- Using one housing for many powders

1:00 p.m. Luncheon & Adjournment

CONFERENCE CHAIRMAN

Debbie Thorp, AIP Ltd

CONFERENCE SPEAKERS

ANDRIESE CONSULTANCY, Hans Andriese
API Foils, Robert Goodfellow
ATLANTEK INC, Harry Schofield
BIBLIO-TEC, Tom Ashley
DOTRIX, Jasmine Geerinckx
DUPONT COLOR PROOFING, Ronald J. Beard
GEMPLUS, Paul Morgavi
GERBER SCIENTIFIC, Elaine Pullen
GRETAG MACBETH, Marco Cattarozzi
HP INDIGO, Erwin Busselot
IT STRATEGIES, Mark Hanley
MAN ROLAND, Dr Andreas Feil
NORDSON UV, Pat Keogh
SCITEX DIGITAL PRINTING, John Doyan
SCITEX VISION, Amir Veresh
SPECTRA, Per Frost
TORREY PINES, Peter Mason
XEIKON, Dirk Van Thillo
XENNIA, Alan Hudd



REGISTRATION FEES

THE INK JET ACADEMY THEORY OF INK JET

- Attendance at all sessions
- Course reference binder
- Two lunches
- One reception
- Coffee breaks

Registration fee £725, €1,095

10th ANNUAL EUROPEAN INK JET PRINTING CONFERENCE

- Attendance at all sessions
- Conference reference binder
- Two lunches
- Two receptions
- Coffee breaks

Registration fee £725, €1,095

5th ANNUAL DIGITAL, INDUSTRIAL & DECORATIVE PRINTING CONFERENCE

- Attendance at all sessions
- Conference reference binder
- Two lunches
- Two receptions
- Coffee breaks

Registration fee £725, €1,095

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