

THE WORLD'S MOST POPULAR INK JET EVENTS!



INKJET & HI-TECH
INNOVATION
INSTITUTE

&

IMI

India Habitat Centre
New Delhi
India



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3rd time in India

Ink Jet India 2008
27, 28, 29 June



Academy
Theory of Ink Jet Technology



Showcase
Components, Consumables, Equipments



EVENT LEADERS

Mike Willis, Managing Director
Pivotal Resources Limited

Cambridge, 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-on-demand and continuous ink jet printing, electro-photographic technology, greyscale and colour reproduction methods and light sensitive materials.

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

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

Dr. Alan L Hudd, President & CTO
Xennia Technology Limited

Letchworth, Hertfordshire, UK

In 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.

Tarun Kumar, Chief Executive
Xyanni, India Partnership for
Emerging Enterprise

New Delhi, India

In 2007, Mr. Kumar founded Xyanni, an advisory business that creates and delivers market strategy and business development services, as a key-partner, to those small and medium sized clients in Europe/ West, that are planning to expand their activities related to emerging sectors, to India. Before that, he had founded and headed, as General Manager, for nearly three years, till 2006, the Indian business of Xaar plc. During this time he led the starting of a dozen ink jet projects in India and the rest of South Asia. He has co-moderated conferences of the World Bank, been consultant/speaker at the confederation/ chambers of Indian industry, quoted frequently by Reuters/ Knight Ridder and the Indian media. He was Chevening Leadership Scholar, Fellow of the 21st Century Trust, and Silver Medalist in masters in international trade at the Indian Institute of Foreign Trade. His first degree was a bachelor's in sciences in physics and chemistry.

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ACADEMY THEORY OF INK JET TECHNOLOGY

The Ink Jet Academy provides a program 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 print heads 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.

SHOWCASE COMPONENTS, CONSUMABLES, EQUIPMENTS

This is a new event specially created to help fulfill the need in India. It is inspired by a much acclaimed event - Ink Jet Technology Suppliers Showcase and various other events that happen in the USA. IMI's Ink Jet Technology Suppliers Showcase is a proven programme concept to enable current and potential ink jet printing system developers, integrators and users to obtain detailed technical information and establish professional working relationship with base ink jet printing technology providers - print heads, inks, curing systems, materials, instrumentation, etc.

In addition to suppliers or components and consumables, equipment suppliers will also be participating to provide a further depth to the concept in the India context

Sponsors and supporters of our previous ink jet programmes in India:

BASF
Digital Textile
EFI
Fujifilm Sericol
Hewlett-Packard SPS
IMI

MAIT
Pivotal Resources
Renishaw
Science & Innovation Network
SPAI
SunJet

TTP
UK Trade & Investment
VideoJet (Printos)
Xaar
Xennia
Xyanni



PLATINUM SPONSORS



Xaar is the world-leading independent supplier of state-of-the-art industrial inkjet printheads, inks and peripheral equipment. Our specialist technology and expertise ensures a rapid route to market for developers - readily available high-quality inkjet printheads and approved inks, readily available range of complementary peripherals, approved Integrator network, & licensing of Xaar's IP

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Fujifilm Sericol is part of Fujifilm Group. Digital inkjet technology is one of the major focus areas for Fujifilm Sericol as well as Fujifilm. Its patented digital inkjet products include the "Uvijet" range of UV curing inkjet inks and the "Color+" range of solvent-based inkjet inks. Her Majesty The Queen of England conferred the Queen's Award to Fujifilm Sericol for its ground breaking and pioneering work in the development and commercialization of UV curing inkjet technology in wide format, flatbed digital, graphic printing. This is the fifth Queen's Award won by Fujifilm Sericol, since 1988, for innovation.

Fujifilm Sericol is the worldwide distributor of the "Inca" wide format, high-speed flatbed UV digital presses that include Spyder-320, Columbia, Columbia Turbo and the fastest flatbed printer "Onset", for printing on almost any rigid and flexible substrate. Fujifilm Sericol has also successfully launched the Fujifilm branded "Acuity" flatbed UV digital press in June 2007.

Fujifilm Sericol India has a major focus in the digital inkjet market in India. The renowned "Color+" range of solvent digital inks is manufactured locally at its state-of-the-art facility near Pune. Besides being the exclusive distributor for Inca and Fujifilm Acuity flatbed UV digital presses, Fujifilm Sericol India is also the exclusive distributor of "Keundo" brand of superwide format solvent digital printers from Keundo Technology, South Korea, for South Asian market. Fujifilm Sericol India has a team of engineers & application specialists to support its customers.

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SunJet is a leading global supplier of premium, high-quality ink jet inks for industrial and commercial print applications. SunJet offers strong technical capabilities and industry knowledge by leveraging the market strength of its parent company, Sun Chemical Corporation, a world leader in products and services for print.

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Static Control Components is the world's largest manufacturer and global distributor of parts and supplies supporting the laser toner remanufacturing industry. More than 13,000 products are provided everything needed to professionally remanufacture laser toner cartridges. Static Control will continue our focus on education in 2008, including color cartridge programs and our recently launched CTL Replenishment System. This is a revolutionary breakthrough in chemical technology. CTL allows remanufacturers to reuse virgin OEM drums for nearly every color and monochrome all-in-one cartridge and inject new profits directly in your laser cartridge remanufacturing business. In addition, we will be introducing our new training programs on inkjet remanufacturing.

Headquartered in Sanford, North Carolina in the United States, Static Control operates 20 manufacturing plants that add up to more than 1.5 million square feet. Numerous remote locations and global distribution partners serve customers wherever they may be located including our fully operational Hong Kong office. Clearly the market leader, Static Control continues to make ongoing investments in research and development, customer education programs, multilingual customer support and huge inventories located around the world to serve its customers with the very highest levels of service, with unparalleled quality. Serving the very largest remanufacturers in the industry as well as taking care of the smallest, every day in every country. Global associates work hard to earn the opportunity to win your business, with great service, unmatched product quality and fair prices.

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IMI

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 more than 20 programmes covering ink jet, thermal, laser, industrial and other form of digital printing.

INKJET & HI-TECH INNOVATION INSTITUTE

To help promote the inkjet and high technology industry in India and expand the market, Xyanni has founded this institute. The institute aims to provide Indian manufacturers of equipments, consumables and components, access to high technologies, for various applications. It also assists the Western and Indian companies set up distribution channels across India and the global markets. Organising programmes like conferences, workshops, studies are some of the activities that help fulfill the above stated aim.

THE PROGRAMME

“ III and IMI bring to India, for the third time, the acclaimed events Academy: Theory of Ink Jet Technology and Showcase: Components, Consumables, Equipments, under the banner of Ink Jet India 2008.” This programme has been designed to give participants a thorough perspective of the ink jet industry, with prestigious by acknowledged leaders in their field. Completely up to date, there is simply no better information available.

REGISTRATION FEES

There is a single registration fee for Ink Jet India 2008, comprising of the two sub events.

HOW TO REGISTER

1. Please register online via our website www.iii.ind.in. We will check availability, and e-mail you the registration information and an invoice with details of how, when and where to apply.
2. Alternatively, fill in the form below and e-mail to tarun@iii.ind.in or tarun@xyanni.com



EVENT LOCATION

India Habitat Centre is a cluster that promotes and houses a variety of associations, organisations and initiatives. It is a prestigious and popular venue for holding conferences, meetings, seminars, and exhibitions.”

ADDRESS

Gulmohar Conference Hall
Habitat World
India Habitat Centre
Lodhi Road
New Delhi 110003
(Entry from gate number 3 from Vardhman Marg)

Hotel reservations and charges are the responsibility of each conference registrant

REGISTRATION FORM

To,
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INK JET INDIA 2008

INR 50,000

(Academy : Theory of Ink Jet Technology + Showcase : Components, Consumables, Equipments)

NAME JOB TITLE

COMPANY

ADDRESS

CITY POSTCODE COUNTRY

PHONE FAX:

EMAIL

AGENDA

Friday June 27, 2008

9:00 a.m. Registration
10:00 a.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 market & applications ?

INDUSTRIAL INK JET PRINTING

Course overview
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, continuous & thermal)
Properties influencing ink jet performance
Typical performance issues
Diagnosing typical ink problems
Ink types (solvent, aqueous & UV cure)
Testing an ink for reliability: methods & characterization

1:00 p.m. Group photograph
Lunch
2:30 p.m. Session 2

INK TECHNOLOGY CONTINUEUD

DOD PRINTHEAD DESIGNS AND VENDORS

Thermal ink jet
Piezo ink jet
Moving wall thechnology

MATERIAL FOR INK JET INKS

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

5:45 p.m. Close

Saturday June 28, 2008

9:30 a.m. Session 3

DOD PRINTHEAD DESIGN CONSIDERATIONS

Drop ejection frequency
Crosstalk
Printhead life
Temperature control
Drop placement accuracy
Consideration for page arrays
Greyscale techniques

AGENDA

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

1:00 p.m. Lunch
2:30 p.m. Session 4

FUTURE DEVELOPMENTS

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

INK JET DRUPA

Presentation by Pivotal Resources, UK

DRUPA 2008 REVIEW

Release of Report by IT Strategies, USA

5:45 p.m. Close

Sunday June 29, 2008

09:30 a.m. Session 5

TECHNOLOGY SUPPLIERS' PRESENTATIONS

Supplier presentation 1: SunJet
Dr. Donald V Frazer
Supplier presentation 2: Xaar
Neeraj Thappa
Supplier presentation 3: Fujifilm Sericol
Ganesh Krishnan
Supplier presentation 4: Static Control
Steve Weedon
Supplier presentation 5: Printos
Stewart Wiltshir

12:30 p.m. Lunch
2:00 p.m. Session 6

INDIAN COMPANY PRESENTATIONS

Indian company presentations 1: ColorJet
Ravi Agarwal
Indian company presentations 2: Nano Dimensional Tech.
Atish Agrawal
Indian company presentations 3: TBC
TBC

PANEL DISCUSSION

CERTIFICATE DISTRIBUTION