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**10th Annual
Toner & Imaging Chemicals Conference**
The Future of Toner & Imaging Raw Materials
February 7-9, 2007

**Chemically Prepared Toner Seminar
and
EP Technology – The Bright Future Seminar**
February 5-6, 2007

**Radisson Resort Orlando - Celebration
Orlando (Kissimmee), Florida**

sponsored by

Information Management Institute, Inc.

IMI's **10th Annual Toner & Imaging Chemicals Conference** will focus on the technology, market and applications challenges and opportunities that are facing the toner industry.

Dry and liquid toners have been integral imaging materials for over fifty years. These toners have evolved in properties, composition and production over that period. During the past fifty years, other imaging techniques have been introduced. Some of these competitors still exist as specialty imaging devices. However, only ink jet has proven to have the combination of image quality, economics and versatility to challenge toner based imaging devices.

Improved print quality, expanding applications, higher resolutions, enhanced user expectations, etc. are all requiring improved toner based products to effectively compete in the digital printing marketplace. Additionally, the increased adoption of color digital printing, introduction of chemically produced toners, movement away from light lens based copiers, etc. are all placing new requirements on the toner industry. These improvements all require new or improved chemical raw material products to meet users' requirements as toner based imaging continues to evolve in a competitive marketplace.

This unique conference program, IMI's only program in 2007 focused on the toner and imaging chemicals industry, offers a unique opportunity for raw materials suppliers, imaging chemicals manufacturers, toner manufactureres, hardware developers and end users to join together and obtain a comprehensive assessment of the toner based imaging chemicals industry. In conjunction with IMI's **EP Technology – The Bright Future Seminar** and **Chemically Prepared Toner Seminar**; both on February 5-6, 2007 at the same location, there simply is not a better or more cost effective place to obtain the latest information **defining the future of toner and imaging raw materials.**

Conference Chairman
John Cooper, Toner Research Services

Conference Speakers
Dr. Robert D. Fields, Eastman Kodak

Graham J. Galliford
Galliford Consulting & Marketing

Dr. Michael A. Hopper
Copperas Consulting

Cortney Kasuba, Lyra Research

Peter Mason, Torrey Pines Research

Mary Ellen Maxwell, Clariant

Dr. Yves Merck, Resings

Maria Nargiello, Degussa

George H. Robertson, Sun Chemical

J. Randolph Sanders
Torrey Pines Research

John Shane, InfoTrends

Dr. Bhima R. Vijayendran
Battelle Memorial Institute

Free Displays

IMI offers complimentary display space to all conference registrants. Product displays and demonstrations are encouraged. IMI will cooperate with all interested parties to provide appropriate space so products can be displayed and demonstrated during the conference breaks and receptions. There is no charge in addition to the conference registration fee to have a display table. Interested companies should contact Al Keene at IMI al@imiconf.com to ensure that proper arrangements are made for product displays and demonstrations.



10th Annual Toner & Imaging Chemicals Conference



Wednesday, February 7, 2007

9:00 a.m. Registration
10:00 a.m. Opening Session

Welcome and Introductions

Alvin G. Keene, President, Information Management Institute, Inc., Carrabassett Valley, Maine

John Cooper, President, Toner Research Services, Black Mountain, North Carolina

2006 THE IMAGING INDUSTRY YEAR IN REVIEW

Cortney Kasuba, Research Analyst, Lyra Research, Inc., Newtonville, Massachusetts

- The Market Today
 - Worldwide Hardware Market
 - Worldwide Supplies Market
- 2006 Supplies Market: The Year In Review
 - Changing Environments & Converging Markets
 - Advancements In The Ink Jet Market
 - Expansion In The Click Charge Program

TONER AND DEVELOPER MARKET FORECAST & TRENDS

John Shane, Director, InfoTrends, Weymouth, Massachusetts

- U.S. & European Toner & Developer Forecasts
- World Toner Forecast Summary
- Key Issues & Trends Impacting Markets & Vendors
- OEM And Aftermarket Trends & Issues

12:00 Noon Lunch

1:30 p.m. Session 2

THE FUTURE OF HIGH SPEED DIGITAL PRINTING TECHNOLOGIES

J. Randolph Sanders, President and Peter Mason, Senior Vice President & Chief Technical Officer, Torrey Pines Research, Carlsbad, California

- The Major Technologies: Dry Toner, Liquid Toner & Ink Jet
- Current Products By Technology
- Suppliers Strategies By Technology
- Future Trends

CAN/WILL THE U.S. CONTINUE TO BE A MAJOR PRODUCER OF TONER & RAW MATERIALS?

Graham J. Galliford, President, Galliford Consulting & Marketing, Ventura, California

- Drivers For The World Cost/Price Demands For The Printed Page From Toner Based Print Engines
- Differences In Cost & Quality Around The World
- Barriers To Globalization of Manufacturing & Marketing
- Opportunities & Risks Of Global Activities For U.S. Companies
- Predictions For The Future

HISTORY OF CHEMICAL TONERS: WHERE CAN A NEW COMPANY STILL PLAY?

Dr. Michael A. Hopper, Copperas Consulting, Toronto, Ontario, Canada

- Early Activity - 1970-1985
- 1980's & 90's - Major Activity In Japan & Commercial Dry Toners By Suspension Polymerization (SPT)
- 1990-2005
 - DPFP (Dispersion of Pre-Formed Polymer) Process Investigated
 - Latex Aggregation Toners (LAT)
 - Vinyl Polymers
 - Licensing, Purchases & Implementation Activities
- 2007 Current Situation
 - Canon & Zeon Growing Capacity & Improving Performance
 - Fuji Xerox & Konica-Minolta Only Use DPT In Products
 - Many Other Companies Involved In Both SPT & LAT Products
- Future For New Companies & Materials Suppliers

UNIVERSITY - INDUSTRY RESEARCH COOPERATION

University representatives will describe their ongoing research programs with potential benefits to toner manufacturers and raw materials suppliers

5:30 p.m. Reception in Display Area

Thursday, February 8, 2007

7:30 a.m. Continental Breakfast

8:30 a.m. Session 3

RAW MATERIALS REVIEW 2006

John Cooper, President, Toner Research Services, Black Mountain, North Carolina

- Key Industry Announcements
- Hardware Trends: Impact On Toner Raw Materials
- 2006 Toner Trends: Impact On Toner Raw Materials
- Raw Material Use Estimates
- Issues Affecting Raw Material Use: Toner Evolution, Competition, Environmental & Other
- Issues Affecting Raw Material Price: Oil, Currency & Competition
- Raw Material Issues: Polymers, Pigments & Specialty Chemicals
- Patent Issues

TRENDS & FUTURE FOR POLYESTER RESINS

Dr. Yves Merck, Managing Director, Resings, Tubize, Belgium

- Trends & Future For Digital Printing: Faster, Better & In Colour
- Opportunity Of Polyesters
- How Polyesters Differentiate From Acrylics
- Polyester Types & Relationship Between Structure & Properties
- Crystalline Polyesters: Their Advantages & Problems
- Lowering The Cost Of Polyester Resins
- Bisphenol A Issue: Do You Really Need It?
- Production Methods & Alternatives
- Chemical Toners With Polyesters (NAD)
- Paper Recycling

THE FUTURE FOR STYRENE ACRYLIC RESINS

Styrene Acrylic Resin and Toner Production Companies will provide their viewpoints on the future of styrene acrylic resin usage in toners

12:00 Noon Lunch

1:30 p.m. Session 4

BIO-BASED RESINS & TONERS: THE TIME HAS COME

Dr. Bhima R. Vijayendran, Senior Research Leader & VP Technology, Battelle Memorial Institute, Columbus, Ohio (Co-authors: Tom Gandolfi, Vice President Marketing, Stuart P. Conrad, Vice President Manufacturing & Dr. Jeffery Clark, Vice President Technology, Advanced Image Resources, LLC, Alpharetta, Georgia)

- Reducing Dependency On Petroleum: A Strategic Priority, A Generational Responsibility & An Economic Necessity
- Battelle & Advanced Imaging Resources Joint Effort Has Resulting In Cost Competitive, Highly Marketable Product Compatible With Current Hardware
- Provides Users With Seamless, Environmentally Friendly Printing & Copying Alternatives
- Technology Offers Unprecedented Advantages & Efficiencies In Recycling Process While Offering Outstanding Print Quality
- First Commercially Viable Bio-Based Resins & Toners Leveraging Readily Available Renewable Resources

PIGMENT DISPERSION FOR TONERS AND INK JET SYSTEMS

George H. Robertson, Director Dispersions Technology, Sun Chemical Corporation, Cincinnati, Ohio

- Key Requirements
- Size & Shape Analysis
- Fastness Requirements
- Controlling Rheology
- Rheological Stability
- Pigment & Color Selection

Register Now

Online at www.imiconf.com

Call +1-207-235-2225

Fax: +1-207-235-2226

Email: imi@imiconf.com

REACH AND ITS IMPACT ON THE TONER INDUSTRY

Mary Ellen Maxwell, Product Safety Manager,
Clariant Corporation, Pigments & Additives
Division, Coventry, Rhode Island

- What Is REACH? Definition, Purpose, Goals & Scope
- REACH Timeline
- Impact On Chemical Industry
- Impact On Toner Industry
- Preparing For REACH

TONER & RAW MATERIALS TEST EQUIPMENT

Testing Equipment Manufacturers will provide updates and the latest options, trends, requirements and challenges for toner and raw materials testing equipment

5:30 p.m. Reception in Display Area

Friday, February 9, 2007

7:30 a.m. Continental Breakfast

8:30 a.m. Session 5

TONER CHARGE: INTERNAL & EXTERNAL CHARGE CONTROL AGENTS FOR HIGH PRINT QUALITY

Dr. Robert D. Fields, Graphics Communication
Group, Eastman Kodak Company, Rochester,
New York

- Quality Expectations Driving Improvements In Toner Charge Level & Stability
- Toner Chemistry Trends & Significance For Charge Agents
- Quality Factors For Evaluating Internal & External Charge Agents

LATEST TRENDS IN METAL OXIDE TONER ADDITIVES

Maria Nargiello, Sr. Technology Manager,
Aerosil & Silanes, Degussa Corporation,
Piscataway, New Jersey

- External Additive Trends In Toner
- Market Trends Which Have Driven Product Developments
- Additive Issues Related To Color, Chemical & High Speed Printing Toners
- Fumed Metal Oxide Production Processes, Products & Properties
- Performance Attributes Influenced By External Additives
- Influence Of External Additive Combinations
- Influence Of Addition Methods & Sequence Of Addition
- Influence Of Toner Chemistry & Type On Additive Package
- Recommendations: Where In Process Additives Can Be Added

TONER PROCESSING & PRODUCTION EQUIPMENT

Toner Processing Equipment Manufacturers will provide updates and the latest options, trends, requirements and challenges for toner production and processing equipment

12:00 Noon Adjournment



Chemically Prepared Toner Seminar

Seminar Leader

Graham J. Galliford, President, Galliford
Consulting & Marketing, Ventura, California

Monday, February 5, 2007

12:00 Noon Registration

1:00 p.m. Session 1

WHY CHEMICALLY PREPARED TONERS?

- The Need For Small Mean Particle Size & Challenges Meeting This Need
- Need For Low Energy Consumption & Low Pollution Manufacturing
- Toner Manufacturing Methods Compared
- Improvements Offered By Chemically Prepared Toners
- Why So Long Before Commercialization?
- Features Of CPT Technologies
- Small Mean Particle Size
- Toner Particle Shape Control

5:30 p.m. Reception

Tuesday, February 6, 2007

7:30 a.m. Continental Breakfast

8:30 a.m. Session 2

CHEMICALLY PREPARED TONER TECHNOLOGIES

Review of all the known CPT methods with details of manufacturing processes and features of each process and the products including:

- Suspension Polymerization
- Emulsion Polymerization & Aggregation
- Microencapsulation
- Dispersion Polymerization
- Chemical Milling
- PXP
- Other Methods

WASHING, ISOLATION, FILTRATION, DRYING & BLENDING OPTIONS

CHEMICALLY PREPARED TONER PATENTS

12:00 Noon Lunch

1:00 p.m. Session 3

MANUFACTURERS' TECHNOLOGY TRENDS & DEVELOPMENTS

CHEMICALLY PREPARED TONER'S IMPACT OF CURRENT & FUTURE HARDWARE DESIGN

APPLICATIONS & COSTING DATA

CHEMICALLY PREPARED TONER MARKETS

- Trends In Digital Printing Driving Chemically Prepared Toner Market Development & Adoption
- Overview Of The Players
- Current Commercial Products
- The Chemical Toner Market
- Worldwide Toner Production Volume
- Market For Polymerized Black & Full Color Toners
- Effects On Toner Resin Market
- Predictions Of Changes Ahead

5:00 p.m. Adjournment

EP Technology The Bright Future Seminar

Seminar Leaders

J. Randolph Sanders, President and Peter
Mason, Senior Vice President & Chief
Technical Officer, Torrey Pines Research,
Carlsbad, California

Monday, February 5, 2007

12:00 Noon Registration

1:00 p.m. Session 1

PRINCIPLES & STATE-OF-THE-ART OF ELECTROPHOTOGRAPHIC (Toner-Based) PRINTING

- Basic EP Processes (Monochrome & Color)
- Analysis Of Subsystem Operations
 - Photoreceptors
 - Charging
 - Exposure Systems
 - Development
 - Transfer
 - Cleaning
 - Fusing & Fixing Systems
- Issues & Problems
- Representative Hardware

LIQUID ELECTROPHOTOGRAPHY

- Process Basics & Variables
- Recent Developments

5:30 p.m. Reception

Tuesday, February 6, 2007

7:30 a.m. Continental Breakfast

8:30 a.m. Session 2

THE FUTURE IS IN COLOR

- Principles Of Subtractive Color Imaging
- Color EP Process Basics
- Color EP Architectures
 - Traditional EP & Tone On Tone
- Halftoning & Dithering Basics
- Color Management, Quality & Measurement
- Color EP Architecture Developments & Trends
- Systems & Integration Issues For Successful Product Implementation
- Market Segments & Market Acceptance

12:00 Noon Lunch

1:00 p.m. Session 3

EP & TONER BASED TECHNOLOGY AND APPLICATION OPPORTUNITIES

- Direct Toner Imaging Methods
- EP Printing For Photographs
- Specialty Toner Systems
- EP As A Production Technology
- Price/Performance Metrics

LASER PRINTING: A VISION OF THE FUTURE

- Recent Changes In The Industry
- Is EP's Future In Current Or New Applications?
- Current & Future Challenges
- What Technological & Institutional Advancements Are Needed?
- EP Printing In A Changing World
- Future Trends: Hybrid Systems, Effect Of Incremental Technology Improvements, New Applications, Potential Disruptive Digital Technologies & Potential Disruptive Market Forces
- The Bright Future
 - One Year From Now
 - Three Years From Now

5:00 p.m. Adjournment

Registration Information

Registration Fee: \$1095 per registrant per program (conference or seminar)
\$995 for second person and each additional registrant from same company to same program or for same registrant to additional programs when registered as a group.

The registration fee for each program includes attendance at all scheduled sessions, continental breakfasts, receptions, luncheon, coffee breaks, plus the program reference binder and CD-ROM.

Cancellations will receive a 100% refund if made 72 hours prior to the start of the program. Substitutions may be made at any time. Cancellations made less than 72 hours prior to the start of any program will be charged a \$300 cancellation fee, but will receive a copy of the complete program binder and CD.

To register for any of the programs listed below, submit the registration form with payment to Susan Meldrum, Conference Administrator, Information Management Institute, Inc., 1106 Valley Crossing, Carrabassett Valley, ME 04947 USA. You may reserve space by calling +1-207-235-2225, sending a fax to +1-207-235-2226 or by sending an email message to imi@imiconf.com or on our web site www.imiconf.com

REGISTRATION FORM

10th Annual Toner & Imaging Chemicals Conference
February 7-9, 2007

EP Technology: The Bright Future Seminar
February 5-6, 2007

Chemically Prepared Toner Seminar
February 5-6, 2007

Mr. ___ Ms. ___ Miss ___ Mrs. ___ Dr. ___

NAME _____

JOB TITLE _____

COMPANY _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

COUNTRY _____

PHONE _____ FAX: _____

EMAIL _____

___ Invoice Me ___ Send Credit Card Authorization Form

The Radisson Orlando Resort - Celebration address is:

Radisson Orlando Resort - Celebration
2900 Parkway Boulevard
Kissimmee, Florida 34747
Phone: 407-396-7000
Fax: 407-396-4577

Web Site: www.radisson.com/kissimmeefl

RESORT INFORMATION & LOCATION

IMI's **10th Annual Toner & Imaging Chemicals Conference**, **EP Technology-The Bright Future Seminar** and **Chemically Prepared Toner Seminar** are being held at the Radisson Orlando Resort - Celebration located in Kissimmee, Florida. Hotel reservations are the responsibility of each meeting registrant. **Early booking is advised** as the reduced rate is guaranteed only until January 15, 2007. Phone +1-800-333-3333 (Radisson Central Reservations) or +1-407-396-7000 (Hotel direct) and reference Information Management Institute or IMI to receive the special group rate of \$125 for single or double occupancy.

You can make your hotel reservations online - go to hotel website <http://www.radisson.com/kissimmeefl> and:

1. Select your desired arrival and departure dates and hit "Go" which will take you to the next page
2. Fill in INFOMG in the "Promotional Code" field under "Search for Special Rates" and then hit "Search" which will take you to the IMI Rates where you can make your selection and complete the reservation process.

PLEASE NOTE that you may occasionally see a lower rate on the web site for some nights, BUT the IMI rate includes a mandatory resort fee (which will be added to all other rates) and other amenities, i.e. the IMI group rate is the best overall rate for this period.

The Radisson Orlando Resort - Celebration is located on 20 acres of beautiful tropically landscaped grounds just 1.5 miles from Walt Disney World Resort. Guests can unwind at a giant free-form swimming pool with waterfalls and a water slide. The Radisson Resort Orlando - Celebration also offers another heated pool, a kids' wading pool, lighted tennis courts, sand-based volleyball, a playground, a game room, jogging areas and a fitness center. In addition, the Radisson Resort Orlando - Celebration provides shuttle service to Disney World, Sea World and Universal Studios.

Adjacent to Radisson Resort Orlando - Celebration is Celebration Golf Club, an 18 hole championship caliber course designed by Robert Trent Jones, Sr. and Jr. and located within the natural wetland environment.

All checks should be in U.S. dollars drawn on a U.S. bank and made payable to Information Management Institute, Inc. An invoice with bank transfer details for IMI's U.S. or European bank account will be provided upon request.

SPECIAL NOTICE WORLDWIDE PRINTER AND SUPPLIES MARKET REPORT TO BE PROVIDED TO ALL CONFERENCE REGISTRANTS

IMI is pleased to announce that it has commissioned I T Strategies of Hanover, Massachusetts to prepare a confidential study report entitled "**Worldwide Printer and Supplies Market Report**" for distribution to to IMI conference registrants.

This exclusive market report provides a regularly updated source of market information based on a consistent methodology and reporting structure.

All registrants to **IMI's 10th Annual Toner & Imaging Chemicals Conference** on February 7-9, 2007 and **EP Technology: The Bright Future** and **Chemically Prepared Toner Seminars** will receive a complimentary copy of the latest edition of the "**Worldwide Printer and Supplies Market Report.**"

Don't Miss IMI's

16th Annual Ink Jet Printing Conference

January 31-February 2, 2007

and

Ink Jet Academy: Theory of Ink Jet Technology

January 29-30, 2007

Visit www.imiconf.com for
program and registration details