

NEW PRESENTATIONS JUST ADDED!

Join us for

Camfil Americas,

MANN+HUMMEL

Innenraumfilter GmbH & Co. KG,

W.L. Gore & Associates, Inc.,

Nederman LLC, and

DuPont Protection Technologies!

Conference: **November 17, 2015**

Exposition: **November 18-19, 2015**

INDA'S Nonwoven Filter
Media Training Course: **November 17-18, 2015**

Industry Reception: **November 18, 2015**

Navy Pier, Chicago, Illinois, USA

Plan to do business with thousands of
potential partners in one place at one time.

See the latest exhibitor listing on page 7.

Pure Opportunity

Connect with major industry leaders at the Filtration2015 International Conference & Exposition! Attend Filtration2015, and you'll tap into industry intelligence, ground breaking technologies and leading edge technical presentations from companies across the world. Exhibit, and you'll connect with potential partners who can take your business to the next level. **That's pure opportunity!**



**Association of the
Nonwoven Fabrics Industry**
ADVANCING NONWOVENS WORLDWIDE®

Greetings



Greetings, fellow industry leader!

As president of INDA, I'd like to personally invite you to join me at INDA's 24th Filtration® International Conference & Exposition, as it returns to Chicago's Navy Pier November 17th through 19th. This premier event once again will deliver on its promise of "Pure Opportunity", bringing together high quality educational program content, training, product displays, and connection opportunities in one location to advance the success of filtration professionals.

Filtration2015 will provide everything needed to stay abreast of breakthroughs in the filtration industry. Key themes addressed by filtration experts include: Market Trends and Statistics, Cutting Edge Technologies, Filtration Solutions, and Industrial Air Filtration. You can also immerse yourself in premium co-located educational content, which gives you an opportunity to discover filtration principles, market and technology trends, new processes and products, test standards, unmet needs, and the growing potential of filter media products, which is valued at \$15.4 billion in North American sales to end users.

Filtration2015 will be brimming with vibrant energy and innovative technologies and products. Here, you'll discover the latest information from Keynote speaker Armando Brunetti, Executive Vice President of Camfil Americas. Other recently added presentations cover topics such as cabin air filtration, water purification, electrospun membrane filter media, best practices for filter laboratory tests and particulate matter 2.5 removal, and North American filtration forecasts, statistics, and recent mergers and acquisitions.

I encourage you to read on, and review the full details of the Filtration2015 program as well as the listing of exhibitors you can do business with in Chicago. I hope to see you there.

Sincerely,

A handwritten signature in black ink that reads "Dave Rousse". The signature is fluid and cursive, with a stylized "D" and "R".

Dave Rousse
INDA President

Filter Media

Training Course

Tuesday, November 17

Pure Technical Training

“

The educational seminars alone justify the cost of attendance, and all attendees will go home with something beneficial, the very least of which is the awareness of the latest products and technologies affecting the filtration industry.

”

– **CHRIS ZAKER**, NAFA CERTIFIED AIR FILTER SPECIALIST, NATIONAL SALES MANAGER, GLASFLOSS INDUSTRIES

8:30 am – 5:00 pm

INDA's Nonwoven Filter Media Training Course

Christine Sun, Ph.D., Principal, Filtration Technologies International



Returning due to popular demand, this acclaimed co-located course provides 1.5 days of technical training beginning Tuesday, Nov. 17 and concluding Wednesday morning, Nov. 18. Led by Christine Sun, Ph.D., a globally recognized technical and market expert in the nonwoven and filtration industries, attendees are guided through the principles of filtration to market and technology trends. Join in, and you'll learn about nonwovens used in air and liquid filtration, filtration market segments, technologies, products, test standards, unmet needs, and the growing potentials of filter media products and business opportunities. Early registration is suggested.

Separate fee required.
(See the registration form for details.)

NOTE: INDA's Nonwoven Filter Media Training Course continues Wednesday, November 18, 8:00 am – 10:30 am

CONFERENCE

Tuesday, November 17

DON'T MISS

1:00 pm – 1:30 pm

Keynote Address

- » Who Are Our Customers and What Do They Really Need?
A Camfil View of Filtration Media Requirements of the Future.



Armando Brunetti, Executive Vice President of Camfil Americas

Learn how the perspectives of Camfil, a world leader in the development and production of air filters and clean air solutions with more than three decades in the filtration industry, have responded to the realities of the North American market and global business trends. For more than half a century, Camfil has developed sustainable solutions, providing customers with an optimal balance of clean air and energy efficiency, while minimizing impact on the environment. Join us for a presentation filled with applicable insight.

1:30 pm – 3:30 pm

Cutting Edge Technologies



- » New Developments and Future Requirements in Cabin Air Filtration

Andreas Scope, Manager Research & Development Cabin Air Filters
MANN+HUMMEL Innenraumfilter GmbH & Co. KG

Get all the details on the latest filter media concepts for particle and combi filters, along with solutions for the removal of allergens, bacteria, and mold – and current field test results for the reduction of PM2.5 and VOC concentrations in car cabins.

- » A Novel Application for Pleated Cartridge Filters with Nonwoven Media



Steven Dulin, Application Engineer
GE Water and Process Technologies

Explore the limits of pathologic protozoan cysts in drinkable water. Learn the filter materials' requirements relevant to FDA food contact (21CFR177), materials and performance requirements relevant to NSF/ANSI Standard 53, and requirements relevant to EPA FIFRA.

- » Nanofibers in Filtration: Beyond F9, Beyond MERV 15, Beyond Surface-Load and Pulsing



Fred Lybrand, Managing Director – Global and CEO for ELMARCO, Inc.

Nanofibers have proven their ability to perform up to MERV 15 and F9, and have become a go-to for surface load filtration. What markets are nanofibers entering into next? Discover the state of nanofiber adoption, future markets for nanofibers, and how NF-enabled filter media benchmarks to membranes and other advanced materials.

NEW
PRESENTATION



- » High Flux Tyvek® for Filtration

Hyun Lim, Ph.D. – Technical Fellow – DuPont Protection Technologies

A new high porosity Tyvek® has been developed for high flux filtration applications. Learn how this new product can be applied and the performance results they offer for flow rate, particle filtration efficiency, filter life and easy cake release that is critical to microfiltration applications.

3:30 pm - 4:30 pm

Industrial Air Filtration

» Pleated Filter Media as a Direct Replacement for Filter Bags



Jack Clements
Principal
SF Air Filtration

Clements will discuss the financial and performance merits of converting existing industrial air systems from bag filters to pleated filter media. Learn where it's possible to save money and improve the performance of your filtration system.

“

The professionals who participate in the Filtration® International Conference & Exposition are creating the news rather than reading about it.

”

— **DON BROWN**, SALES MANAGER,
NAFTA, BONAR

NEW PRESENTATIONS

» Nonwoven Media Approaches for Air Inlet Filtration on Gas Turbines



McLeod Stephens Jr.
Sales Manager

Gas Turbine Aftermarket, Nederman LLC

Find out how a combination of nonwoven media options provided air inlet filter house designers the options they needed for all ambient weather conditions, protected their equipment and maintained maximum power output.

» Filter Media and Filter Laboratory Tests for Industrial Use



Matt Gessner
Application Engineer

W. L. Gore & Associates, Inc.

Learn how to predict real world performance for filter media in industrial applications. Discover the rigorous best practice laboratory and bench-top test methods that have evolved to match materials and customer needs.

Pure Visibility

See and be seen! Spark opportunities with thousands of potential partners.

CONFERENCE Tuesday, November 17 (continued)

4:30 pm – 5:30 pm

Filtration Solutions



» Filter Loading by PM_{2.5} and Bimodal Aerosols

David Pui, Ph.D., Distinguished McKnight
University Professor, University of Minnesota

Learn the detailed test results of factors that affect filter loading behaviors, so you can more precisely predict the lifetime of the filters used in ambient and indoor conditions.



» PM-Based Filter Efficiencies and Ratings

Bruce McDonald, Principal
Bruce McDonald Consulting LLC

Hear all about the methods, value, limitations, and most recent standards used to describe air filter efficiency in the size ranges used in PM₁, PM_{2.5}, and PM₁₀ ambient aerosol measurement.

5:30 pm – 5:50 pm

Filtration Trends and Statistics

» The State of the North American Filtration Market

Dave Rousse, President, INDAA

Brad Kalil, Director of Market Research and Statistics, INDAA



Dave Rousse

Gain a deeper understanding of filtration market data. Learn about significant mergers, acquisitions and the resulting business impacts. Hear a detailed comparison of the filtration market's size and growth compared to the overall nonwovens market in North America, with information from the recently published *North American Nonwovens Industry Outlook* report.



Brad Kalil

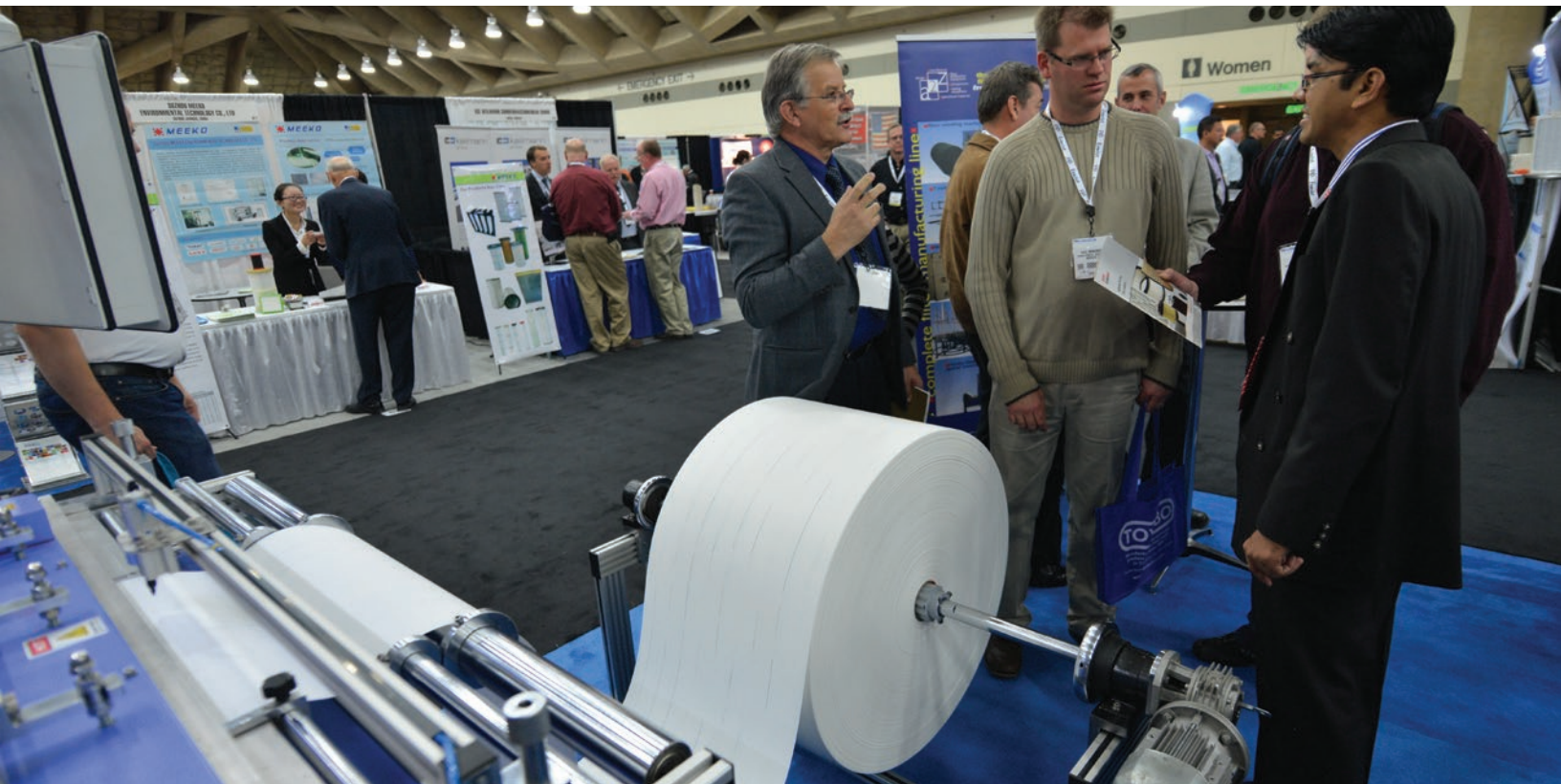
To view the full presentation abstracts, visit inda.org/events/filt15

The Filtration® program is subject to change. The opinions expressed during the conference are those of the speakers and not necessarily that of INDAA or its Board of Directors.

For registration questions: Contact Tracie Leatham, +1 919 459 3726 or tleatham@inda.org

For sponsorship opportunities: Contact Joe Tessari, +1 919 459 3729 or jtessari@inda.org

Pure Connections



Meet the filter media manufacturers, raw material suppliers, fabricators, and machinery equipment manufacturers – and potential clients – you need to reach.



Wednesday, November 18

8:00 am – 10:30 am

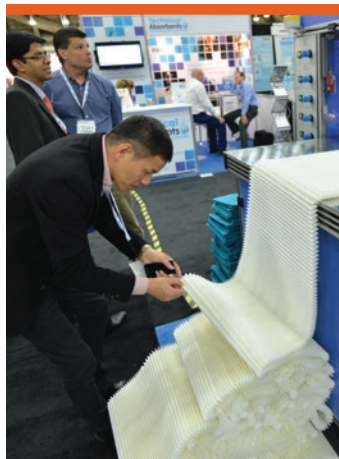
INDA's Nonwoven Filter Media Training Course – Day 2



Instructor:

Christine Sun, Ph.D., Principal,
Filtration Technologies International

(Separate fee required. See the registration form for details.)



10:30 am – 5:30 pm

Filtration® Exposition

5:00 pm – 6:00 pm

Industry Reception

All registered delegates are welcome to attend the industry reception on the show floor.

Thursday, November 19

10:30 am – 3:00 pm

Filtration® Exposition

“The Filtration Show has become *THE* meeting point for every aspect of the value chain in filtration. I've always had great success in meeting with our industry leaders and have always left the show with returns much greater than our investments!

— **PAUL MAROLD**, CHIEF OPERATING OFFICER, SONTARA



EXPOSITION

PURE GLOBALIZATION

You want international exposure?
Filtration2015 connects you with potential
clients and suppliers from around the world!

Filtration2015 Exhibitors as of 9/22/2015



A2Z Filtration Specialities Pvt. Ltd
Abalioglu Teknoloji
Advanced Technology & Materials Co., Ltd.
Advanced Testing Instruments
AFG, USA
Ahlstrom
AIM Filtertech
Air Techniques International
Allied Group, Inc.
Anping County Bolin Metal Wire Mesh Co., Ltd.
Anping Guangtong Hardware Wire Mesh Co., Ltd.
Arkema
AVINTIV
Beverlin Mfg. Corp.
Biax-Fiberfilm Corporation
Blue Heaven Technologies
Branson Ultrasonics Corp.
BWG Filtration, Inc.
Central Alliance Non-Woven Co., Ltd.
CEREX Advanced Fabrics, Inc.
Changchun Hipolyking Co., Ltd.
Chase Machine & Engineering, Inc.
China Nonwovens Technical Association (CNTA)
CLARCOR Industrial Air
Covestro
DelStar Technologies, Inc.
Dexmet Corporation
D-Mark Inc.
Dongguan Yimao Filter Media Co., Ltd.
Doublewin Company Ltd.
E&H Co., Ltd.
Elmarco, Inc.
Epic Resins
Europlasma N.V.
FiberVisions Corporation
Filtration Technologies International
Filtration Technology Systems
Fontijne Formitt
Foshan Nanhai Pure Green Materials Co., Ltd.
Franklin Adhesives & Polymers
FT EnE Canada, Inc.
General Metals, Inc.
Global Expanded Metals
Gusbi Filtration Machinery

Helix International
Henkel Corporation
Herrmann Ultrasonics
Hollingsworth & Vose Company
Huntsman Corporation
INDA, Association of the Nonwoven Fabrics Industry
Industrial Netting
Innovative Air Management
Innovative Resin Systems Inc.
Intermas Nets SA
International Filtration News
Interplex Etch Logic
IREMA-FILTER GmbH
JCEM USA
Jiangsu Blue Sky Environmental Protection Group
Jiangxi National Bridge Industrial Co. Ltd.
Johns Manville Sales GmbH
Jowat Corporation
JPS Composite Materials
K.J. Filtration Technologies Ltd.
Kem-Wove, Inc.
Keystone Filter, A CECO Environmental Company
Massman Automation Designs, LLC
Matador Converters Co. Ltd.
The McIlvaine Company
Mid Atlantic Industrial Textiles Inc.
Midwest Filtration LLC
Mogul Tekstil San. Ve Tic. AS
Nanoscience Instruments, Inc.
Neenah Gessner GmbH
Neenah Technical Materials, Inc.
Ningbo Changqi Porous
Membrane Technology Co., Ltd.
Nonwovens Industry magazine
Norddeutsche Seekabelwerke GmbH
Nordson SEALANT EQUIPMENT
Oerlikon Textile GmbH & Co. KG
Onyx Specialty Papers, Inc.
P2i Limited
Paint Pockets Company
Palas GmbH
Particle Instruments LLC
PFP, LLC
Phifer Incorporated
Polimeros y Derivados S.A. de C.V.

Polyset Company Inc.
Potdevin Glue Machine Company
Quantachrome Instruments
R.P. Fedder Corporation
Recruiter Solutions International
Reliance Tool & Mfg. Co.
The Reynolds Company
Sandler AG
ShanDong RenFeng Special Materials Co., Ltd.
Shandong Taipeng Nonwovens Co., Ltd.
Shanghai Everspring Filtration Technology Co., Ltd.
Shanghai Feng Cheng Machinery
Engineering Company, Limited
Shanghai Hawk Filter Co., Ltd.
Shanghai Lingqiao Environmental Protection
Equipment Works Co., Ltd.
Shijiazhuang Chentai Filter Paper Co., Ltd.
Sonobond Ultrasonics
Southern Felt Company, Inc.
Spunfab, Ltd.
Sterling Nonwovens
Stockmeier Urethanes USA, Inc.
Superior Felt & Filtration, LLC
Suzhou HuiLong Purifying Filter Co., Ltd.
Suzhou Meeko Environmental Technology Co., Ltd.
Suzhou Xiechang Environmental Protection
Technology Co., Ltd.
Tailored Chemical Products
Tex Tech Industries
Texel Inc.
Toyobo Kureha America Co., Ltd.
TSI Incorporated
TTG, Inc.
Varbros, LLC
Ver-Mac Industries, Inc.
Wallner Expac
Wenzhou Hongchang Non-woven Co., Ltd.
Xi'an Filter Metal Materials Co., Ltd.
Xinxiang City Huahang Filter Co., Ltd.
Yuanchen Environmental Protection
Technology & Science Co., Ltd.
Yueqing Sailaoqi Gauze Filter Co., Ltd.
Zhejiang Heading Environment Technology Co., Ltd.
Zhejiang Weave Industrial Fabrics Co., Ltd.
Zhejiang Yubang Filter Material Technology Co., Ltd.
Zhengjian Filter Co., Ltd.



HOTEL INFORMATION

The Loews Chicago Hotel, W Lakeshore Chicago Hotel, Embassy Suites Chicago Downtown Lakefront, and Doubletree by Hilton Chicago are pleased to provide specially priced rooms for Filtration2015.

Reservations are required through INDA. Contact Andreana Leach, at aleach@inda.org or +1 919 459 3724, or you may also reserve your hotel online by visiting inda.org/events/filt15

To make a reservation, please provide Andreana with a reservation form that includes your arrival date, departure date, credit card number, and expiration date along with choice of one hotel from the four options

provided. In the event your first hotel choice is sold out, please provide a second, third, and fourth hotel choice.

Hotel rates are non-commissionable and room reservations may be made at this rate as long as rooms are available in the group block. We have a limited amount of rooms and reservation requests are processed in the order in which they are received, so we encourage you to please submit your request as soon as possible.

PLEASE NOTE: Submitting your hotel reservation does not guarantee that a room will be available in the group block at the group rate. Hotel reservations will be made on an availability basis.

FILTRATION® COMMITTEE MEMBERS

The exceptionally strong conference program is an example of the commitment and leadership of INDA's Filtration2015 Conference Committee. INDA would like to thank these individuals who volunteered their support.

Thomas Justice, Zene, LLC – Chairman

Gene Portelli, 3M Company

Jay Forcucci, AVINTIV

Robert Burkhead, Blue Heaven Technologies

Hans Neisser, Branson Ultrasonics Corp.

Shannon Schoppman, Freudenberg Filtration Technologies LP

Chris Peart, HDK Industries Inc.

Per Lindblom, Hollingsworth & Vose Company

Abdoulaye Doucouré, Hollingsworth & Vose Company

Rory Holmes, Holmes Consulting

Jennifer Wong, Johns Manville

Robert Martin, Kimberly-Clark Corporation

Mark Anttila, Lydall Filtration Separation

Keith Hayward, Monadnock Non-Wovens LLC

Charles Timbs, Wallner Expac

INDA, the Association of the Nonwoven Fabrics Industry, serves hundreds of member companies in the nonwovens/engineered fabrics industry in global commerce. Since 1968, INDA events have helped members connect, learn, innovate, and develop their businesses. INDA educational courses, market data, test methods, consultancy, and issue advocacy help members succeed by providing them the information they need to better plan and execute their business strategies.

For more information, visit www.inda.org, or download the **INDA mobile app** for immediate updates.

REGISTRATION FORM

Expo: November 18-19, 2015 | **Conference:** November 17, 2015 | Navy Pier | Chicago, Illinois

To register for Filtration2015, please complete the form below. Copy this form for additional registrations, or register online at inda.org. By registering early, you qualify for significant savings from the regular registration fee.

Last Name/Surname _____ First Name _____

Job Title _____ Organization _____

Address _____ Website _____

City _____ State _____ Zip _____ Country _____

Telephone _____ Fax _____ Email _____

INDA will publish your email address on the official event attendee list. If you do not wish to have your email address published, please check the box ☐

Please make selections in each section for us to process your registration.

Your Organization's Primary Affiliation with the Nonwovens Industry (check all that apply):

- | | | |
|--|---|---|
| <input type="checkbox"/> Nonwoven Producer/Supplier | <input type="checkbox"/> Supplier of Paper & Packaging | <input type="checkbox"/> Association |
| <input type="checkbox"/> Converter/Fabricator/End Product Manufacturer | <input type="checkbox"/> Supplier of Other Materials (Films, Tapes, Netting) | <input type="checkbox"/> Academic Institution |
| <input type="checkbox"/> Brand Owner/Brand Marketer | <input type="checkbox"/> Supplier of Services (Transportation, Logistics, Software) | <input type="checkbox"/> Government |
| <input type="checkbox"/> Machinery/Equipment Manufacturer/Supplier | <input type="checkbox"/> Wholesaler/Retail Distributor | <input type="checkbox"/> Press/Publishing |
| <input type="checkbox"/> Supplier of Adhesives, Binders & Chemicals | <input type="checkbox"/> Third Party Testing, R&D, Pilot Lines | <input type="checkbox"/> Other |
| <input type="checkbox"/> Supplier of Resins, Fibers & Pulps | <input type="checkbox"/> Consulting | |

The Filtration® app will match your interests to select Exhibitors. Check the categories below to be introduced.

- ☐ Adhesives/Binders/Sealants/Resins
- ☐ Fibers
- ☐ Ultrasonics/Hot Melt/Welding
- ☐ Netting/Plastic/Metal
- ☐ Machinery/Pleating/Other
- ☐ Supplier of Fibers, Pulps, etc.
- ☐ Converting/Cutting/Coating
- ☐ New Business Development
- ☐ Laminate/Films
- ☐ Media/Membranes/Roll Goods
- ☐ Plastics/Additives
- ☐ Equipment/Testing/Measuring/Other
- ☐ Other

Primary Title or Job Function (check only one):

- | | | |
|---|--|---|
| <input type="checkbox"/> Principal/CEO/President/Senior Leadership | <input type="checkbox"/> Account Manager/Sales Management | <input type="checkbox"/> Information Systems |
| <input type="checkbox"/> New Business/Product Development/Tech. Scout | <input type="checkbox"/> Consultant | <input type="checkbox"/> Press/Editorial |
| <input type="checkbox"/> Director/Division Management | <input type="checkbox"/> Marketing/Product Management | <input type="checkbox"/> Press/Other than Editorial |
| <input type="checkbox"/> Manufacturing/Production/Operations Management | <input type="checkbox"/> Engineering/Applications/Process | <input type="checkbox"/> Government |
| <input type="checkbox"/> Quality Control/Assurance Engineering | <input type="checkbox"/> Financial Accounting/Comptroller/Business Analyst | <input type="checkbox"/> Academic – Faculty |
| <input type="checkbox"/> Research & Development | <input type="checkbox"/> Office Manager/Administrative Assistant | <input type="checkbox"/> Academic – Student |
| <input type="checkbox"/> Purchasing | <input type="checkbox"/> Human Resources | |

Registration Fees*

	October 13-30		After October 30	
	INDA Members	Non-Members	INDA Members	Non-Members
INDA Filter Media Training Course (separate fee required) Tuesday 8:30 am – Wednesday 10:30 am	<input type="checkbox"/> \$ 1,495	<input type="checkbox"/> \$ 2,095	<input type="checkbox"/> \$ 1,495	<input type="checkbox"/> \$ 2,095
Filtration® Conference & Exposition	<input type="checkbox"/> \$ 479	<input type="checkbox"/> \$ 679	<input type="checkbox"/> \$ 529	<input type="checkbox"/> \$ 739
Filtration® Exposition Only 2 Day (Wednesday & Thursday)	<input type="checkbox"/> \$ 80	<input type="checkbox"/> \$ 80	<input type="checkbox"/> \$ 100	<input type="checkbox"/> \$ 100

* Conference & Exposition Fee includes admission to the conference and admission to the 2-day Exposition, admission to the Wednesday reception, conference proceedings and the Filtration® Show Directory.

Payment (full payment must accompany this registration)

☐ MasterCard ☐ VISA ☐ AMEX ☐ Check/Money Order (in U.S. funds and drawn on U.S. bank, payable to INDA)

Total Enclosed \$ _____ Card # _____ Card Expires _____ / _____ CVV Code _____
(month) (year)

Billing Zip Code _____ Phone or Email _____ Signature _____

☐ Wire Transfer (for instructions, please contact Tracie Leatham, tleatham@inda.org, or call + 1 919 459 3726)

For all wire transfers, please reference Filtration2015 and attach confirmation.

☐ Please check here if you have a disability that requires special assistance or accommodation to fully participate.

NOTE: Please attach a written description of your needs. INDA must receive all special assistance requests by November 4, 2015 in order to accommodate.

How did you hear about Filtration2015?

☐ Email ☐ Print Brochure ☐ Referral Friend/Colleague ☐ Print Ad ☐ Other _____

NOTE: Unfortunately, we cannot provide refunds for cancelled registrations.

Pre-register online at inda.org or send this form with payment or credit card information to the following address:

Filtration2015
PO Box 1288
Cary, NC 27512-1288

Phone: + 1 919 459 3726
Domestic Fax: + 1 866 847 7922
International Fax: + 1 919 636 7908
tleatham@inda.org



inda.org



**Association of the
Nonwoven Fabrics Industry**
ADVANCING NONWOVENS WORLDWIDE®

P.O. Box 1288
Cary, NC 27512-1288
+1 919 459 3700
inda.org

**PRESORTED
STANDARD
U.S. POSTAGE PAID
NORFOLK, VA
PERMIT #287**

Filtration2015

INTERNATIONAL CONFERENCE & EXPOSITION

NEW presentations just added!

See inside for details.

Conference: **November 17, 2015**

Exposition: **November 18-19, 2015**

Industry Reception: **November 18, 2015**

Navy Pier, Chicago, Illinois, USA

INDA's Nonwoven Filter Media Training Course

Tuesday – Wednesday, November 17-18, 2015 (separate fee required)

Filtration2015

INTERNATIONAL CONFERENCE & EXPOSITION

The world of filtration is changing by
the minute. Get your front row seat!

REGISTER BY OCTOBER 30 AND SAVE!

