Filter Media
Training Course

Tuesday & Wednesday
May 24-25, 2016
Cary, NC USA

Take advantage of the industry professional's specialized nonwoven FILTER MEDIA training course! This course is for those desiring to learn more about the development, testing, and application of nonwovens in filtration. To maintain the best possible learning environment only 40 participants will be accepted.

Sign up now!

This course is designed for . . .

- Research and development professionals
- Product development engineers
- Marketing and product managers
- Technical sales professionals
- Technical support professionals
- Testing and quality control professionals
- General managers

You will learn . . .

- The physics of filtration
- Latest trends in air and liquid filter media technologies
- Statistics and market trends for air and liquid filtration systems
- How nonwoven media are designed and used in air and liquid filtration
- Expanding technological achievements and applications around nanofibers
- Testing standards for air and liquid filtration
- Critical unmet needs for nonwovens used as filter media

> *"The course provides a great overview of existing and emerging technologies in nonwovens and their applications in the filtration industry."*
>
> — R. Payne, R&D, Tri Dim Filter Corporation

Expert Industry Instructor . . .

Christine Sun, Ph.D., Principal, Filtration Technologies International, is a globally recognized technical and market expert in the nonwovens and filtration industry. With extensive experience from both industrial and academic services, Sun has broad and in-depth knowledge, as well as hands-on experience in the areas of advanced nonwovens, nanofibers, and filtration technologies. She has authored more than 100 technical publications and holds several patents.

Sun earned her BS, MS, and Ph.D. in chemical engineering from Tsinghua University in Beijing. She received the Sr. Scientist Award in 2012 from AFS (American Filtration & Separations Society) and is a board member for the Textile Research Journal and the Journal of Industrial Textiles.

Association of the Nonwoven Fabrics Industry
Advancing Nonwovens Worldwide®

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inda.org

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Agenda

Principles of Filtration
- What is filtration?
- What are the primary filtration mechanisms?
- What are the properties of a good filter?

Market Statistics and Opportunities
- How are nonwovens used today?
- What are the major market segments for air and liquid filtration?
- Nonwoven technologies for filtration media
- Market statistics and opportunities

Air Filtration
- Media technologies and applications

From nonwoven technologies:
+ Meltblown (MB), spunbond (SB), wetlaid, needlepunched, and others

From the marketplace:
+ Residential, industrial, HVAC, personal protection, transportation
+ Gas turbine and others

Product Evaluation: Standards and Testing
- ASHRAE, EN, and ISO Standards, recent developments

What's next?
- Challenges and opportunities

Liquid Filtration
- Understanding the complexity of liquid filtration
- Major liquid filtration segments
- Nonwovens in the liquid filtration market
- Standards and testing
- Things to consider when selecting nonwoven filter media
- Unmet needs and technology trends
- Market trends and opportunities

Nanofiber Technologies in Filtration
- Why nanofibers?
- How to produce nanofibers
- How to structure nanofibers in filter media
- Recent developments in air and liquid filtration
- Market trends, challenges, and opportunities

> *If you are new to nonwoven filters, you should take the Filter Media Training Course. You'll learn what filtration is, market statistics and opportunities, air & liquid filtration, and nanofiber technologies in filtration.*
>
> — J. Kye, Ph.D. Principal Engineer Research, LG Electronics

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To Register

Course Schedule

Day 1
8:30 am – 5:00 pm
11:50 am – 1:20 pm (lunch provided)
5:00 pm - 6:00 pm Reception

Day 2
8:00 am – 3:00 pm

Note:
Space is limited to only 40 people to maintain the best possible learning environment.

The course provides a valuable, hands-on learning opportunity in which participants can discuss products and technologies on the Filtration 2015 show floor with the instructor.

❍ I would like to attend the May 24-25, 2016 Filter Media Training Course

Name _____

Title _____

Company _____

Address _____

City _____ Zip _____ State _____

Country _____ Mobile _____

Phone _____ Fax _____

Email _____

COURSE FEE:

❍ $1,595 (Member) ❍ $2,295 (Non-Member)

Payment *(full payment must accompany this registration)*

❍ MasterCard ❍ VISA ❍ AMEX

❍ Check/Money Order *(in U.S. funds drawn on U.S. Bank, payable to INDA)*

Total Enclosed $ _____ Card # _____

Card Expires (Month): _____ (Year): _____

Signature: _____

❍ Wire Transfer *(for instructions, please contact Tracie Leatham, tleatham@inda.org, or call +1 919 459 3726)*. For all wire transfers, please reference Filter Media Training and attach confirmation.

Cancellations must be in writing and received by INDA by May 3, 2016 for a refund.

❍ Check here if you have a disability that requires special assistance or accommodation to fully participate. Attach a written description of needs. **INDA must receive all special assistance requests by May 3, 2016 to accommodate.**

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