

# Filter Media

## Training Course

OCTOBER 2-3, 2018 WITH FILTRATION® 2018  
Pennsylvania Convention Center, Philadelphia, PA

## AGENDA

Sign up now!



### 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

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*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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