

# Filter Media

## Training Course

MARCH 28-29, 2022  
Miami Beach Convention Center  
Miami Beach, Florida, USA

Sign up now!



## AGENDA

### BASICS OF FILTRATION

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

### PRODUCING A NONWOVEN SUITABLE FOR FILTRATION

- ~ Nonwovens in 4 steps - the basics
- ~ Nonwoven process technology basics
- ~ Performance and Cost Drivers

### AIR AND AEROSOL FILTRATION

- ~ Principles of air flow, air pressure and air filtration
- ~ Nonwoven technologies in air filtration
- ~ Surface modification

### AIR FILTRATION EVALUATION: STANDARDS AND TESTING

- ~ ASHRAE, EN, and ISO Standards
- ~ Trends

### LIQUID FILTRATION

- ~ Understanding the complexity of liquid filtration
- ~ Nonwovens technologies in liquid filtration
- ~ Membranes

### LIQUID FILTRATION EVALUATION: STANDARDS AND TESTING

- ~ ISO, SAE, NFPA, and NSF Standards
- ~ Trends

### 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

