



Abstract Submission Categories

Oral or Poster

Liquid Track

- Slurry/Particle/Liquid Characterization
- Filter Aids
- Coagulation and Flocculation
- Surface Filtration, Straining
- Cake Filtration (washing, drying)
- Depth Filtration
- Dynamic Filtration
- Gravity Settling
- Centrifugal Separation
- Adsorption
- Coalescing
- Fundamentals
- Modeling & Simulation
- Applications (Electronic, Biomedical, Process Industries, Water/Wastewater, Energy, Food and Beverage, Hydraulic, Transportation, etc.)

Gas/Solid Track

- Hot Gas Filtration
- HVAC, Indoor Air, HEPA
- Industrial Gas Cleaning
- Gas Phase Separations
- Fundamentals
- Modeling & Simulation
- Air Pollution Control, PM 2.5, etc.

Gas/Solid Track Cont'd

- Transportation (Cabin Air, Engine Intake, etc.)
- Other Applications (Face Mask, Energy, etc.)
- Testing and Standards

Filter Media Track

- Nonwoven (Meltspun, Wetlaid, Needlepunch, Drylaid, Airlaid, etc.)
- Ceramic
- Metal
- Adsorptive
- Membrane
- Woven
- Nanofiber
- Nanotube/Aerogel
- Plastic
- Granular
- Media Design (Substrate, Lamination, Hybrid Composite, Modeling & Optimization, etc.)
- Media Characterization
- Other Media



Membrane Track

- Mechanism and Operations
- Membrane Fouling
- Pervaporation
- Gas Separation
- Membrane Distillation
- Membrane Material
- Microfiltration
- Ultrafiltration
- Nanofiltration
- Reverse Osmosis
- Forward Osmosis
- Fundamentals & Modeling
- Applications (Water Purification, Wastewater Treatment, Desalination, etc.)
- New Developments

Symposia Tracks and Categories

Environment Filtration & Separation Symposium

- Clean Air
 - Particulate Removal (Characterization of particulates, monitoring, equipment, control and processes, systems, standards and legislature)
 - Harmful Gas Removal (Characterization of gases, monitoring, equipment and processes, standards and legislature)
- Clean Water
 - Drinking Water (desalination, fresh water resource, etc.)
 - Water Reuse (grey water, treatment plant effluent, etc.)
 - Wastewater Treatment
 - Standards and Legislature
 - Economics
 - Others

Energy Filtration & Separation Symposium

- Production of Fossil Fuel
- Refinery
- Power Plant
- Nuclear Plant
- Renewable Energy
- Regulations
- Others

Health Filtration & Separation Symposium

- Antimicrobial, Harmful Gas Breakdown
- Biopharmaceutical Separation
- Facemask and Respirators for Filtering Airborne Viruses, Harmful Aerosols
- Vaccine Production Separation and Filtration
- Clean room filtration