

AFS FILTCON25 STUDENT POSTER COMPETITION

Only full-time students are invited to participate in AFS FILTCON25 by submitting a poster abstract for presentation in the Student Poster Competition. Students may set up their posters Tuesday, April 1. Poster presentations will occur on Wednesday, April 2, 2025, from 2:30 p.m. - 3:30 p.m. and 5:15 p.m. to 6:30 p.m. Winners will be announced on Thursday, April 3, before the morning plenary presentation. All students who submit an abstract for the Student Poster Competition will receive a waived conference registration. Post-docs ARE NOT eligible to participate in the Student Poster Competition. The first-place winner will receive a \$3,000 prize, with additional prizes of varying amounts awarded based on the competition results.

POSTER PREPARATION

- Poster should be printed in portrait format, 48" high x 36" wide (122 cm x 91.4 cm)
- Poster should be printed on high-quality paper (no heavy stock) for mounting onto a soft panel using pushpins (AFS provides)
- All materials should be prepared in advance. Proper illustration is critical to an effective presentation
- The use of large lettering (legible at a distance of 6' / 1.8 m or more) and minimal text is recommended
- Use of colored ink in printing and colored paper in framing text can be attractive and enhance the quality of the presentation
- Poster should include a formal title and present information in a logical sequence

POSTER JUDGING CRITERIA

At least two judges will conduct the scoring of student posters. Posters will be judged in four areas: (1) *The clarity and the support of the stated research OBJECTIVE*; (2) *The overall ORGANIZATION of the poster*; (3) *The clarity and thoroughness of the poster oral PRESENTATION*; (4) *The overall ORIGINALITY of the poster topic*.

Student Poster Chair - Dr. Wenping Li, Agrilectric Research

INDUSTRY NETWORKING OPPORTUNITIES

As a student attending FILTCON, you're invited to join the speaker and moderator breakfasts each morning, providing a unique opportunity to network with experts from academia and industry. In addition, we're offering a dedicated round table session where students, professors, and industry professionals can connect, exchange ideas, and learn about the latest developments in the filtration and separation field. This is an invaluable chance to build relationships and gain insights from leaders across the industry.

TRAVEL AWARDS

The first five professors who submit an abstract, receives approval to present at FILTCON, and brings a student who participates in the Student Poster Competition will receive a \$1,000 reward, thanks to the generosity of the Mid-Atlantic Chapter Fund.

ABSTRACT SUBMISSION IS OPEN!

Solid/Liquid Track

- New and Improved Liquid Separations Methods or Principles
- Testing and Standards for Liquid Filtration
- Membrane and Filter Media
- Liquid-Liquid Coalescer
- Filter Materials
- Liquid Filter Elements and Design
- Emerging Contaminants (PFAS, Micro/Nano Plastics, etc.)
- Biobased Materials and Green Technology

Applications Track

- Sustainable Energy
- Automotive Filtration
- Medical
- Hospital Standards
- Bio-Pharm
- Life Sciences
- Micro Electronic
- Wastewater Treatment
- Water Treatment (Including High Purity)
- Agriculture & Farming
- Food & Beverage
- Petrochemical
- Power Generation
- Mining, Oil & Gas
- Carbon Capture

Air/Gas Track

- Filter Components and Manufacturing Equipment
- Filter Testing & Standards
- Technologies for Gaseous Pollutants Removal
- Indoor Air Quality
- Clean Room Technology
- Air Liquid Coalescing Technology
- Process Technology
- Industrial Filtration
- Advances in Filter Media for Air Filtration
- Commercial and Residential HVAC
- IAQ: Residential Filtration
- Manufacturing Filters HVAC

Research & Fundamentals Track

- Modeling
- Fundamental Research

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abstract

