

Session Key						
Environment	Energy	Health	Liquid	Gas	Filter Media	Membrane

Saturday, October 8							
7:00- 5:00 pm	Registration						
8:00 am - 4:00 pm	Expo Open						
8:00 - 8:40 am	PH4. From Farm to (Operating) Table: Air Quality and Health, Geoff Crosby						
8:40 - 9:20 am	PN5. Energy-efficient - Seprating the Useful from the Harmful for Cleaner Mobility and Cleaner Air, Martin Lehmann						
9:25 - 9:55 am	Break - Expo Hall						
10:00 - 10:30 am	KL19. Microstructure Design & Interface Engineering in Advanced Filters for High-Efficient Nanoscale Particle Separation		KH20. Building an Implantable Artificial Kidney, Part 1: Landscape and Challenges		KN 21. Potentials of 2D Nanomaterials in Membrane Technology for Solving Water-Energy Nexus		
10:30 - 11:00 am	KG22. Micro-Engineered Filtration; the Study and Design of Filtration Materials at the Micro-Scale		KH23. Building an Implantable Artificial Kidney, Part 2: Technology and Opportunities		KN24. Minimizing Assumptions to Understand True Total Cost Ownership of Air Filters		
11:05 - 12:25 pm	Lunch - Expo Hall						
12:30 - 2:00 pm	L7. Cake Discharge/ Backwashing	G6. Industrial Filtration	F6. Adsorption & Innovation	M6. NF/RO Membranes & Desalination	L8. Slurry Characterization & Pretreatment	N5. Transportation - Fuel & Cabin Filtration	H1. Facemask & Respirators, Filtering Airborn Viruses/Harmful Aerosols
2:00 - 3:30 pm	L9. Advances in Centrifugation	G7. Filtration Modeling I	F7. Media Characterization	M7. Membranes for Wastewater Treatment and Resource Recovery	N6. Electric Vechicles	H2. Antimicrobial, Harmful Gas Breakdown	H3. Biopharmaceutical Separation I
3:35 - 3:55 pm	Break - Expo Hall						
4:00 - 5:30 pm	L10. Advances in SLS Technology	G8. Filtration Modeling II	F8. Woven	H4. Biopharmaceutical Separation II	L11. Cake Filtration, Washing & Testing	H5. Health Tech I	
5:35 - 6:45 pm	AFS Corporate Membership Meeting and Reception - By Invitation						
7:00 - 10:00 pm	Gala Dinner						