



## NAMS 2024 Oral Presentations

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325	Effect of protein on the location of virus entrapment during virus filtration	Ranil Wickramasinghe	Viral and Antibody Filtration
326	Membrane nanoprecipitation enables the continuous production of uniform nanoparticles at higher concentrations of the polymer solution than with a batch system	Lidietta GIORNO	Liquid extraction and Contaminant Separation
330	The Effects of Pressure and Process Interruption on The Location of Virus Particles Captured during Virus Filtration	Xianghong Qian	Viral and Antibody Filtration
331	Free Energy Surface Landscape of Interfacial Polymerization for Polyamide Membrane Formation	Xianghong Qian	Tailored Membrane Formation
332	Innovating Membranes for Carbon Capture: From Material Synthesis to Process Prototype	Yang Han	Process Intensification and Decarbonization
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338	Continuous membrane demulsification for in situ solvent extraction of carboxylic acid	Yian Chen	Liquid extraction and Contaminant Separation
341	Fast and selective desalination using pressure-driven distillation with nanoscale air gaps	Anthony Straub	Membrane Distillation and Pervaporation
342	Pall's Filtration Solution for Separation and Purification in Enabling Decarbonization	Varun Vakharia	Keynote on Decarbonization
343	Hydrogen- and acetylene-stable silver ion facilitated transport membranes: the effect of salt content on fractional free volume and gas permeability	Matthew N Davenport	Advanced Membranes for Gas and Vapor Separations
344	NEW CLASS OF IMIDAZOLIUM-BASED IONENES FOR GAS SEPARATION MEMBRANES	Sudhir Ravula	Novel Synthetic Strategies for Gas Separation Membranes

345	Combined chlorine dioxide–membrane distillation for the treatment of produced water	Mahdi Malmali	Membrane Distillation and Pervaporation
346	Evaluation of spacer-induced hydrodynamic mixing using particle image velocimetry: Impact on membrane distillation performance	Mahdi Malmali	Scaling up: Bridging the gap between lab and industry
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348	Insights into methods of determining selectivity of porous ultrafiltration membranes	Suzana Ivandic	Advanced Understanding and Synthetic Efforts in Solute Selective Separations
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