Eastern Time	**Sunday October 20**	**Monday October 21**	**Tuesday October 22**	**Wednesday October 23**	**Thursday October 24**
8:15-9:30		Visit the Plenaries!	Visit the Plenaries!	Visit the Plenaries!	
9:30-10:30		**Coffee & Posters [MP1-27, 47]** *Ballroom C*	**Coffee & Posters** *Ballroom C*	**Coffee & Posters** *Ballroom C*	
10:30-12:10		**AES01 Early Career** Chair: Gongchen Sun Co-Chair: Robert Williamson *Room 306C* **AWD02 AES Mid-Career Award** Chair: Jason Dwyer *Room 301B*	**AES04 Electrokinetic Fundamentals** Chair: Victor Ugaz Co-Chair: Alaleh Vaghef-Koodehi *Room 306C*	**AAES07 Commercialization & Industry Applications** Chair: Rafael Davalos Co-Chair: Lexi Crowell-Simpkins *Room 306C*	
12:10-13:30	Arrival & Registration	**AES General Body Meeting** (AES Provided Lunch) *Room 306C*	**AES Board Business Meeting** (SciX Provided Lunch) *Room 306B*	**Exhibit Visits** (SciX Provided Lunch) *Exhibit Hall B*	Visit all the other good stuff at SciX!
13:30-15:10		**AES02 Lifetime Achievement Award** Chair: Blanca Lapizco-Encinas Co-Chair: Sourav Bandyopadhyay *Room 306C*	**AES05 Innovations in Device Fab & Applications** Chair: Chris Easley Co-Chair: Major Selemani *Room 306C*	**AES08 Future 50: AES Innovations** Chair: Soumya Srivastava Co-Chair: Guillermo Ramirez *Room 306C*	
15:10-15:50		**Coffee & Posters [MP1-27, 47]** *Ballroom C*	**Coffee & Posters** *Ballroom C*	**Coffee & Posters** *Ballroom C*	
15:50-17:30		**AES03 Emerging Leaders** Chair: Tayloria Adams Co-Chair: Raphael Oladokun *Room 306C*	**AES06 Electrokinetic Bioanalysis** Chair: Lisa Flanagan Co-Chair: Negar Doost *Room 306C*	Check out another session!	
17:30 Onward	19:15-21:00 **Welcome Mixer & Student Posters** *Ballroom B*	17:30-19:30 **Exhibit Opening Reception** *Exhibit Hall B*	17:30-19:30 **Exhibitor Happy Hour** 19:00-20:00 SAS Awards *Exhibit Hall B*		19:00-23:30 SciX Gala Ballrooms B&C

Monday October 21				Tuesday October 22				Wednesday October 23			
Session	**Time**	**Presenter**	**Title**	**Session**	**Time**	**Presenter**	**Title**	**Session**	**Time**	**Presenter**	**Title**
	9:30-10:30	Coffee & Posters			9:30-10:30	Coffee & Posters			9:30-10:30	Coffee & Posters	
AES01 Early Career	10:30-10:50	Alaleh Vaghef-Koodehi	On the use of nonlinear electrophoresis for altering migration order in electrokinetic separations	**AES04 Electrokinetic Fundamentals**	10:30-10:50	Blanca Lapizco-Encinas	Nonlinear Electrophoresis Effects in Microfluidic Devices	**AES07 Commercialization & Industry Applications**	10:30-10:50	Tony Jun Huang	Acoustofluidics: merging acoustics and fluid mechanics for biomedical applications
	10:50-11:10	Ethan Cao	Nanopore Array Platforms Towards Biomimetic Ionic Circuits		10:50-11:10	Javad Jarmoshti	Neural network enabled multiparametric impedance signal templating for high throughput single-cell deformability cytometry		10:50-11:10	Guillermo Ramirez	Adaptive, In-Situ 3D Printing Using Multiphase Microfluidic Control Enables Multi-Material Integration in Electrokinetic Ionic Circuits
	11:10-11:30	Chuyi Chen	Flowing towards precision medicine: Harnessing acoustofluidics for biomedical advancements		11:10-11:30	Josie Duncan	Electro-antibacterial Therapy (EAT) to enhance intracellular bacteria clearance in pancreatic cancer cells		11:10-11:30	Erin Henslee	Electrical biomarkers in blood
	11:30-11:50	Ashwin Ramachandran	Microfluidic isotachophoresis for accelerating and streamlining CRISPR-based molecular assays		11:30-11:50	Michael Roper	Microfluidic analytical systems for assaying dynamic cellular secretions		11:30-11:50	Sreerag Kaaliveetil	Machine learning-driven analysis of electrochemical measurements for improved predictions in a microfluidic sensor
	11:50-12:10	Himani Sharma	Next Generation multimodal technologies for pure fractionation followed by ultrasensitive detection of Extracellular vesicles (EVs), Lipoprotein (LLPs), and Ribonucleoprotein protein (RNPs) from biofluids		11:50-12:10	Tayloria Adams	Electrokinetic Fundamentals in the Characterization and Manipulation of Biologically Relevant Systems		11:50-12:10	Alexandra Hyler	Label-Free Cell Enrichments on the CytoR1: Improving Viability, Sustaining Phenotype, and Maximizing Cell Recovery
AWD02 Mid-Career Award	10:30-10:50	Buddini Iroshika Karawden	Venturing Through Tiny Routes to Simply Breathtaking: The Beginning of an Incredible Journey								
	10:50-11:10	Nuwan Bandara	The Theater of Nanopore Sensing: The Fond Memories in Past, Present, and Future Episodes of Sensing								
	11:10-11:30	Rebecca Whelan	Small channels and big challenges: using nanopore sequencing, mass spectrometry, and deep-learning algorithms to revise the molecular model of an ovarian cancer biomarker								
	11:30-11:50	Adam Hall	Developments in translational glycosaminoglycan analysis using solid-state nanopores								
	11:50-12:10	Alaleh Vaghef-Koodehi	Blue Fingers Award Winner								
AES	12:10-13:30	General Body Meeting & Lunch		AES	12:10-13:30	Board Business Meeting & Lunch			12:10-13:30	Exhibit Visits & Lunch	
AES 02 Lifetime Achievement Award	13:30-14:10	Victor Ugaz	The power of small: From microscale phenomena to macroscale impact	**AES05 Innovations in Device Fabrication & Applications**	13:30-13:50	Scott Martin	Adventures in 3D Printing Devices that Integrate Cell Culture with Analysis	**AES08 Future 50: AES Innovations**	13:30-13:50	Sai Deepika Reddy Yaram	Dielectric behavior of cells exposed to simulated microgravity
					13:50-14:10	Qingrong He	Biased-Alternating Current Electrophoresis Method to Generate Biomolecules Gradient-based High-throughput Screening Platform		13:50-14:10	Tonoy Mondal	Electrospun nanofiber mats for micro/nanoscale electrokinetics
	14:10-14:30	Nathan Swami	Microfluidic enrichment of live circulating pancreatic cancer cells from drug-treated adherent cultures		14:10-14:30	Raphael Oladokun	Dielectric behavior of immune cells in late-stage breast and pancreatic carcinoma		14:10-14:30	Christopher Easley	Pneumatic Circuit Modeling and Design for Plug-and-Play Microfluidics and Biosensing Applications
	14:30-14:50	Robert Meagher	Microfluidic integration for detection of biomarkers of infectious disease		14:30-14:50	Mark Hayes	Quantifying the Force on Freely Diffusing Proteins in an Electric Field Gradient		14:30-14:50	Christopher Smith	A Novel Dielectrophoretic-based Microfluidic Diagnostic Tool for Stage IV Breast Cancer using PBMCs
	14:50-15:10	James Schneider	Physisorbed Drag-Tags for Electrophoretic Separations of DNA and RNA		14:50-15:10	Ashley Ross	Microengineered Platforms for Neurochemical Monitoring Along the Gut-Brain Axis		14:50-15:10	Niranjan Haridas Menon	A modular, point-of-care, microfluidic bio-detection system for zoonotic diseases
	15:10-15:50	Coffee & Posters			15:10-15:50	Coffee & Posters			15:10-15:50	Coffee & Posters	
AES03 Emerging Leaders	15:50-16:10	Ariel Furst	Electrochemical Diagnostics to Support Equitable Healthcare	**AES06 Electrokinetic Bioanalysis**	15:50-16:10	Lexi Crowell-Simpkins	Assessing Plasticity in Prostate Cancer using Electrokinetic Techniques				
	16:10-16:30	Mainul Islam Mazumder	Suppression of Non-faradaic Current in DNA Monolayer-based Bowtie Sensors by Engineering the Temporal Response		16:10-16:30	Negar Farhang Doost	Diagnosis of Tick-Borne Rickettsial Infections through Dielectrophoresis				
	16:30-16:50	Alaleh Vaghef-Koodehi	Strategy for enhancing insulator-based electrokinetic device design for tertiary separations		16:30-16:50	Blanca Lapizco-Encinas	Electrokinetic Microscale Separations Combining Linear and Nonlinear Effects				
	16:50-17:10	Gongchen Sun	Spinning Desicurer: A Cost Effective and Generalizable Post Processing Method for Enhanced Optical Quality in 3D Printed Microfluidics		16:50-17:10	Fatima Labeed	DEP electrophysiology: A potential marker for blood related health and disease				
	17:10-17:30	Joanne Seow	FLEXIBLE NANOLITER DROPLET CONTROL WITH 3D PRINTED PNEUMATIC PULSE TIMERS WITHOUT ELECTRICAL POWER		17:10-17:30	Gongchen Sun	Single Molecule Imaging Enhanced by Electrokinetic Ion Concentration Polarization for in situ Profiling of Gene Expression in Multicellular Organisms				
	17:30-19:30	Exhibit Hall Opening Reception			17:30-19:30	Exhibitor Happy Hour & SAS Awards					