

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

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 Henstee	Electrical biomarkers in blood
	11:30-11:50	Ashwin Ramachandran	Microfluidic isotachopheresis 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 Kaalivetil	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
	14:10-14:30	Nathan Swami	Microfluidic enrichment of live circulating pancreatic cancer cells from drug-treated adherent cultures		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
	14:30-14:50	Robert Meagher	Microfluidic integration for detection of biomarkers of infectious disease		14:10-14:30	Wendell Coltro	Microfluidic paper-based analytical devices: Do-it-yourself approaches		14:10-14:30	Christopher Easley	Pneumatic Circuit Modeling and Design for Plug-and-Play Microfluidics and Biosensing Applications
	14:50-15:10	James Schneider	Physisorbed Drag-Tags for Electrophoretic Separations of DNA and RNA		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
	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 Desiccator: 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				