



LABORATORY TESTING AND AUTOMATION '19  
2019 MAY 30

Date	Time	Track	Presentation Title	Speaker
30-May	06:00 - 07:00 AM	Clinical Diagnostics	Improved Cancer Tracking Through Precision Quantification of Circulating Nucleic Acid Biomarkers	Megan Dueck, PhD Chief Scientific Officer, COMBiNATi
30-May	07:30 - 08:30 AM	Life Sciences	Keynote Presentation: Quantum Diagnostics: From Single-Cells to Single-Molecules	Dino Di Carlo, Ph.D. Professor and Chair, Department of Bioengineering University of California, Los Angeles
30-May	09:00 - 10:00 AM	Clinical Diagnostics	Keynote Presentation: Diagnosing Disease with Rare Circulating Extracellular Vesicles: Finding Heterogeneous, Nanoscale Needles in a Nanoscale Haystack	David Issadore, PhD Associate Professor of Bioengineering and Electrical & Systems Engineering, University of Pennsylvania
30-May	09:00 - 10:00 AM	Life Sciences	Lab on a Chip Technologies for Drug Discovery	Katherine Elvira, MSci, PhD, ARCS Assistant Professor, Canada Research Chair in New Materials and Techniques for Health Applications, University of Victoria
30-May	10:30 - 11:30 AM	Life Sciences	Keynote Presentation: Novel Computer Vision System for Integrated Biomolecule and Cell Assays	Amar Basu, PhD Vice President of Engineering Research and Digital Assays, Bioelectronica Corporation, Associate Professor, Wayne State University
30-May	12:00 - 01:00 PM	Empowering Laboratory Automation	3D Microfluidic Technology for Empowering Biomedical Research	Mei He, PhD Assistant Professor, Department of Chemistry, The University of Kansas
30-May	12:00 - 01:00 PM	Clinical Diagnostics	Automating Clinical Testing with LIMS & Laboratory Automation	Shonali Paul, MBA Chief Operating Officer, CloudLIMS

30-May	01:30 - 02:30 PM	Empowering Laboratory Automation	Hybrid Tissue-Chips: Modeling Drug Delivery and Disease with Novel Microfluidics for Living Tissue	Rebecca Pompano, PhD Assistant Professor in the Departments of Chemistry and Biomedical Engineering, University of Virginia
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