



MAY.20.2020

LABORATORY
Automation & Informatics

| Date | Time | Track | Presentation Title | Speaker |
|--------|------------------|-----------------------------------|--|--|
| 20-May | 07:30 - 08:30 AM | High Throughput Biology | Keynote Presentation: Bridging Multiscale Physiological Systems via Microfluidics- from single cell to tissue-scale to organ-scale | Abraham P. Lee Professor, Biomedical Engineering, University of California, Irvine Director, NSF I/UCRC Center for Advanced Design & Manufacturing of Integrated Microfluidics (CADMIM), Lab On A Chip Journal |
| 20-May | 09:00 - 10:00 AM | Microfluidics Enabling Automation | Keynote Presentation: Quantitative biology with droplet microfluidics | Adam Abate, PhD Associate Professor, University of California, San Francisco |
| 20-May | 12:00 - 12:05 AM | Microfluidics Enabling Automation | Acoustic Ejection Mass Spectrometry for High-Throughput Analysis | Luke Ghislain, PhD Senior Staff Engineer, Research & Development |
| 20-May | 12:00 - 12:05 AM | High Throughput Biology | Comprehensive Genomic Association Data for Genetic Variant Interpretation: A Computational Approach | Mark Kiel, MD, PhD Co-Founder and Chief Science Officer, Genomenon |
| 20-May | 12:00 - 12:05 AM | Microfluidics Enabling Automation | Gene-editing by a "click-of-a-button" | Steve Shih, PhD Assistant Professor, Concordia University |
| 20-May | 12:00 - 12:05 AM | High Throughput Biology | Highly sensitive detection of SARS-CoV-2 by Crystal Digital PCR™ | Rémi Dangla CEO, Stilla Technologies |
| 20-May | 12:00 - 12:05 AM | Method Validation and LIMS | LAB 4.0 Fully automated LIMS including SAP integration | Guido von Dahlen General Manager, Strategic Business Consultant |

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| 20-May | 12:00 - 12:05 AM | High Throughput Biology | Lab on a Particle: Democratizing Single-Cell Secretion Assays | Joseph de Rutte PhD Candidate, Bioengineering, University of California, Los Angeles, Co-Founder and President, Partillion Bioscience |
| 20-May | 12:00 - 12:05 AM | Microfluidics Enabling Automation | Next-gen protein assays enabling precision medicine and data-driven biology | Kursad Araz, PhD Co-founder, Chief Technology Officer, Correlia Biosystems |
| 20-May | 12:00 - 12:05 AM | High Throughput Biology | Single-cell Genomics Tools for better understanding and treatment of Human Disease | Anindita Basu, PhD Assistant Professor, Genetic Medicine, University of Chicago, Assistant Scientist, Center for Nanoscale Materials, Argonne National Laboratory |
| 20-May | 12:00 - 12:05 AM | Method Validation and LIMS | The Importance of Data Integrity: LIMS, Tools and Best Practices | Christine Paszko, PhD, MT (ASCP) Sr. Vice President, Sales & Marketing, Accelerated Technology Laboratories, Inc. |
| 20-May | 12:00 - 12:05 AM | Method Validation and LIMS | Validation of LIMS is a part of the data integrity | Siri H. Segalstad Lead Consultant, Segalstad Consulting AS |
| 20-May | 12:00 - 12:05 AM | Method Validation and LIMS | Zero-effort Analytical Method Validation | Jürgen Voorgang Product Manager VALIDAT, Head of Method Validation, GUS LAB GmbH |