SCIENTIFIC PROGRAM 2021

International conference on Microfluidics

March 26, 2021 || Time zone: Central European Time (CET) ||

Join the webinar through the below link
https://sahi.my.webex.com/sahi.my/j.php?MTID=m422e8b1e460e6d00d3a18cbb6cd1df01
Password: micro@123

MEETINGSINT.COM
Email: microfluidic2020@gmail.com

	Time zone: Central European Time (CET)	
Keynote session	
11:30 AM	Opening Ceremony and Conference Announcement
11:30-12:00	**Title: Front microrheology of blood: relation between viscosity and red blood cells biomechanical properties**
	Claudia A. Trejo-Soto, Pontifical Catholic University of Valparaíso, Chile
12:00-12:30	**Title: A Numerical Study of a Stretchable Microfluidic-Based Strain Sensor**
	Jiayue Shen, SUNY Polytechnic Institute, USA
12:30-13:00	**Title: Surfactant effects on droplet formation in microfluidic systems**
	Maria Kalli, University College London, UK
	Refreshment Break(13:00-13:15)
Oral session I	
Micro/Nanofluidics Research and Advances | Digital microfluidics	
13:15-13:45	**Title: Digital microfluidics as a tool for drug delivery and formulation screening**
	Delamare Romain, Medincell SA, France
13:45-14:15	**Title: Diffusion-dominated pinch-off of ultralow surface tension fluids**
	Lei Xu, The Chinese University of Hong Kong, Hong Kong
14:15-14:45	**Title: Microfluidic Devices for LOC and Diagnostic Applications**
	Ajay Agarwal, CSIR-Central Electronics Engineering Research Institute, India
	Refreshment Break(14:15-15:00)
Oral session II	
15:00-15:30	**Title: Design and characterization of an on-chip continuous microdistillation tool**
	Farah EL MASRI, IFP Energies Nouvelles, France
15:30-16:00	**Title: Thermofluidic heat exchangers for actuation of transcription in artificial tissues**
	Daniel C. Corbett, University of Washington, USA
16:00-16:30	**Title: 3D Microwave Integrated Absorption Module for Toxic Gas Detection**
	Sadabadi H, Wireless Fluidics Inc, Canada
16:30-17:00	**Title: Rapid and low-cost prototyping of lab-on-a-chip devices for inertial microfluidic applications**
	Luis Flores-Olazo, Universidad de Ingenieria y Tecnologia, Peru
17:00-17:30	**Title: High-precision MSM micropumps for integration on lab-on-chips**
	Kari Ullakko, Lappeenranta-Lahti University of Technology, Finland
17:30-18:00	**Title: A Practical System for the Quantitative Determination of Nitrate and Nitrite in the Field**
	Amer Charbaji, University of Rhode Island, USA
18:00-18:30	**Title: New trends using microchip devices for sample treatment**
	Maria Ramos Payan, University of Sevilla, Spain
18:30-19:00	**Title: Why do we need to turn a Petri dish into a lab-on-a-chip and how?**
	Xing Yue (Larry) Peng, Xiamen University, China
19:00-19:30	**Title: Biological applications of microfluidics in cell motility and plant root growth dynamics**
	Jack Merrin, Institute of Science and Technology Austria, Austria
19:30-20:00	**Title: Microfluidic tools for fast exploration of liquid/liquid extraction thermodynamics**
	Christophe P. Gabriel, University Paris Saclay, France
20:00-20:30	**Title: Micro-flow analysis with monolithic columns**
	Petr Solich, Charles University, Czech Republic