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
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MEETINGSINT.COM
Email: microfluidic2020@gmail.com

|| Time zone: Central European Time (CET) ||	
Keynote session	
11:30:00 AM	Opening Ceremony and Conference Announcement
11:30-11:50	**Title: Wearable Biosensor Toward Continuous Monitoring of Inflammatory and Infectious Diseases**
	Badrinath Jagannath, The University of Texas at Dallas, USA
11:50-12:10	**Title: 3D Microwave Integrated Absorption Module for Toxic Gas Detection**
	Sadabadi H, Wireless Fluidics Inc, Canada
12:10-12:30	**Title: New trends using microchip devices for sample treatment**
	Maria Ramos Payan, University of Sevilla, Spain
12:30-12:50	**Title: Design and characterization of an on-chip continuous microdistillation tool**
	Farah EL MASRI, IFP Energies Nouvelles, France
	Refreshment Break(12:50-13:00)
Oral session I	
Micro/Nanofluidics Research and Advances | Digital microfluidics	
13:00-13:20	**Title: Thermofluidic heat exchangers for actuation of transcription in artificial tissues**
	Daniel C. Corbett, University of Washington, USA
13:20-13:40	**Title: Front microrheology of blood: relation between viscosity and red blood cells biomechanical properties**
	Claudia A. Trejo-Soto, Pontifical Catholic University of Valparaíso, Chile
13:40-14:00	**Title: A Numerical Study of a Stretchable Microfluidic-Based Strain Sensor**
	Jiayue Shen, SUNY Polytechnic Institute, USA
14:00-14:20	**Title: Surfactant effects on droplet formation in microfluidic systems**
	Maria Kalli, University College London, UK
14:20-14:40	**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
14:40-15:00	**Title: High-precision MSM micropumps for integration on lab-on-chips**
	Kari Ullakko, Lappeenranta-Lahti University of Technology, Finland
	Refreshment Break(15:00-15:20)
Oral session II	
Micro/Nanofluidics Research and Advances | Digital microfluidics	
15:20-15:40	**Title: A Practical System for the Quantitative Determination of Nitrate and Nitrite in the Field**
	Amer Charbaji, University of Rhode Island, USA
15:40-16:00	**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
16:00-16:20	**Title: Digital microfluidics as a tool for drug delivery and formulation screening**
	Delamare Romain, Medincell SA, France
16:20-16:40	**Title: Diffusion-dominated pinch-off of ultralow surface tension fluids**
	Lei Xu, The Chinese University of Hong Kong, Hong Kong

16:40-17:00	**Title: Microfluidic Devices for LOC and Diagnostic Applications**
	Ajay Agarwal, CSIR-Central Electronics Engineering Research Institute, India
17:00-17:20	**Title: Biological applications of microfluidics in cell motility and plant root growth dynamics**
	Jack Merrin, Institute of Science and Technology Austria, Austria
17:20-17:40	**Title: Microfluidic tools for fast exploration of liquid/liquid extraction thermodynamics**
	Christophe P. Gabriel, University Paris Saclay, France
17:40-18:00	**Title: Micro-flow analysis with monolithic columns**
	Petr Solich, Charles University, Czech Republic
18:00-18:20	**Title: A new analytical method for the simultaneous extraction of compounds of different nature and some of their metabolites by liquid phase microextraction**
	Maria Ramos Payan, University of Sevilla, Spain
****Conference adjournment****	

Mail us to know more!

For Abstract Submission Guidelines | For Reserving your slot | Proposals | Registration | Posters | Accommodations

No doubt you have lots of queries... Why not get in touch..!

Drop us your query with details and we will call you right away

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