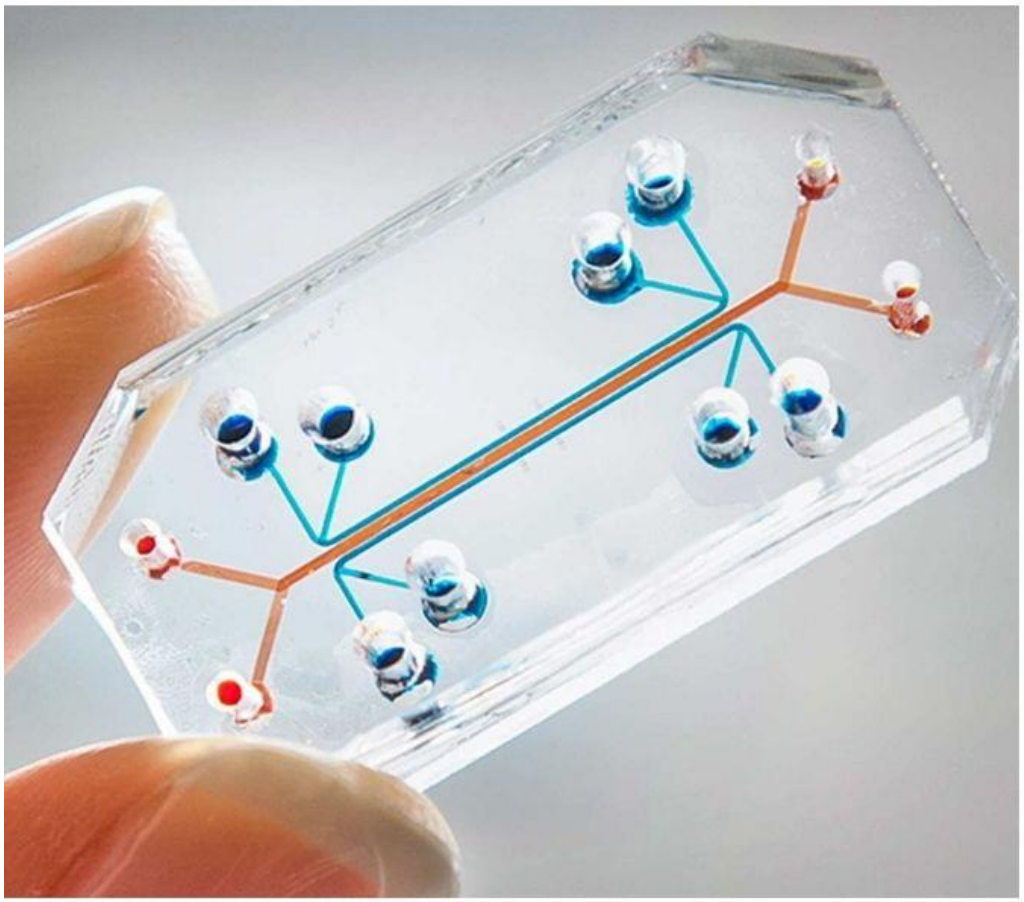
3rd International Conference on

MICROFLUIDICS AND NANOFLUIDICS

Meetings International
WITH US



OCTOBER 14 & 15, 2019 @ LONDON, UK

THEME: AN APPROACH TO BETTER UNDERSTAND THE MICRO MECHANICS OF FLUIDS

3RD INTERNATIONAL CONFERENCE ON MICROFLUIDICS AND NANOFLUIDICS

Euro Microfluidics 2019

ACTIVITIES

Keynote & Plenary talks

Oral Presentations

Poster Presentations

Workshop

Exhibitors

Video Presentations

And e-posters



SCIENTIFIC SESSIONS

- Microfluidics
- Nanofluidics and Fluidmechanics
- Biofluid Mechanics
- Hydrodynamics
- Droplet-Based Microfluidics
- Paper-Based Microfluidics
- DNA Chips (Micro Arrays)
- Microfluidics Cell Culture
- Acoustic Droplet Ejection
- Electro-Osmotic Pump
- Aerodynamics Simulation and Flow Control
- Thermo-Fluid Dynamics

3rd International Conference on Microfluidics and Naofluidics	
Day 1, October 14, 2019	
	Registration
	Introduction
Keynote Forum	
	Tittle: Current developments of open-channel microfluidics: dynamics of the capillary flow in bifurcations, networks and two-phase capillary flows
	Berthier J, Department of Chemistry, University of Washington, Seattle, United States
	Title: A simple microfluidics-Assisted synthesis of polar zinc oxide microspheres
	Laboratoire Laboratory of Quantum and Molecular Photonics, ENS Paris Saclay President Wilson, 94235 Cachan, France,
	Title: Chip electrophoresis sensor implementing artificial intelligence for soil nutrient sensing
	Kokkinis G, Pessl Instruments, Weiz, Austria
Refreshment & Networking Break	
Oral Session	
Session I Introduction	
Sessions: Microfluidics | Hydrodynamics | Thermo-Fluid Dynamics | Aerodynamics Simulation and Flow Control |	
	Title: Microfluidic Preparation of Smart Emulsions and Functional Microparticles
	Jianhong Xu, The State Key Lab of Chemical Engineering, Tsinghua University, Beijing , China
	Title: Evaluation of Mixing Efficiency of Shear-thinning Fluid Through a Micromixer with Rectangular Baffles.
	Jafargholinejad S, Department of Mechanical Engineering, University of Tabriz, Tabriz, Iran
	Title: Application of micro- and nano-fluidics in petroleum industry
	Prem Bikkina, Oklahoma State University, USA
	Title: Lateral flow microfluidic device for concentration of cells sub-populations
	Pizzi Marco, Eltek Group, Italy
Speaker Slots Avilable	
Lunch	
Session II Introduction	
Sessions: Biofluid Mechanics | Droplet-Based Microfluidics | Microfluidics | Nanofluidics and Fluidmechanics | Thermo-Fluid Dynamics	
	Title: Visual or electrical sensing feedback assisted active control of droplets in mi- crochannels towards automated, modular lab-on-a-chip platform
	Carolyn Ren, University Of WaterLoo, Canada
	Title:Study on the effect of EDL and van der waals forces in the inlet manifold on flow distribution in parallelmicro channels
	Mohammad Ali Zoljalali, University of Mazandaran, Iran
	Title:The status of the microfluidic industry anno 2019
	Henne van Heeren, EnablingMNT, Netherlands
	Title:Surface evolver modeling of capillary micro-channels
	Dr Steven H Collicott, Purdue University, USA
	Title: Functional and structural cytometry of ultrasound-assisted 3D cell cultures
	Martin Wiklund, Karolinska Institute, Sweden
Tea Break	
	Title:Microfluidics-directed self-assembly of DNA-based nanoparticles
	Guillaume Tresset, University Paris-Saclay, France
	Title:Micro-Nano hydraulics in hetero-structures developed for nuclear applications
	Liviu Popa Simil, Los Alamos Academy of Sciences, USA
	Title:Screening cancer therapeutic agents in ex vivo controlled microenvironment for solid patient tumors
	Amir R. Aref, Harvard Medical School,USA
	Title:Sample delivery approaches for synchrotron & XFEL light sources-a bottomup approach
	Peter Docker, Diamond Light Source, UK
Speaker Slots Avilable	
Poster Presentation	
	Title:Microfluidic-generated Concave Cavity-microfibers for Water Collection
	Rui Shi, Department of Mechanical Engineering, the University of Hong Kong, Hong Kong, China
	Title:High-throughput anticancer drug evaluation using microfluidics and 3D printing
	Shaohua Ma, Tsinghua-Berkeley Shenzhen Institute, China
Panel Discussion	
Award Ceremony	
This program is tentative and it may be subjected to modifications	

Day 2, October 15, 2019	
Keynote Forum	
	Tittle: Fluidic-micro-nano-hetro-structures for nuclear power application
	Popa Simil Liviu, Los Alamos Academy of Sciences, USA
	Title: Recent investigations on microfluidics and nanofluidics using electrokinetics
	Ruey Jen Yang, National Cheng Kung University, Taiwan
	Title: The state-of-the-art-of-surface modification techniques for geo-material microfluidics
	Prem Bikkina, Oklahoma State University, USA
Refreshment & Networking Break	
Oral Session	
Session I Introduction	
Sessions:	Bio-MEMS/NEMS and Chips | Biosensors, Types and Biosensing Technologies | Microfluidics | Nanofluidics and Fluidmechanics
	Title:3D in vitro tissue models integrating microfluidics for drug discovery
	Ting Yuan Tu, National Cheng Kung University, Taiwan
	Title: A centrifugal based nucleic acid test with the immiscible filtration technique
	Chih Hsin Shih, Feng Chia University, Taiwan
	Title: CDRH-on-a-chip: Advancing medical device innovation with microfluidics
	Rucha Natu, U.S. Food and Drug Administration (FDA), USA
	Title:Generation of in vitro 3D hepatic tumor model for discovery of novel therapeutics
	Ting Yuan Tu, National Cheng Kung University, Taiwan
Speaker Slots Avilable	
Lunch	
Session II Introduction	
Sessions:	Bio-MEMS/NEMS and Chips | DNA Chips (Micro Arrays) | Microfluidics Cell Culture | Microfluidics in Nano-Medicine
	Title: Inertial micromixing in curved serpentine micromixers with different curvature angles
	Rana Altay, Sabanci University, Turkey
	Title:Manipulation of biomimetic soft interfaces by optical and microfluidic methods
	Guido Bolognesi, Loughborough University, UK
	Title: Microfluidics for particle generation: From a nanoparticle to a millimetre, from a milligram to a ton
	Richard Gray, Dolomite Microfluidics, UK
	Title:Passive microfluidic production of multiple emulsions
	Adam Opalski, Institute of Physical Chemistry of Polish Academy of Sciences, Poland
	Title:Plasma effects on microbubble formation in gas-liquid interface across a microfluidic plasma reactor
	Oladayo Ogunyinka, Loughborough University, UK
Tea Break	
	Title:Streamlined drug synergy evaluations via bioinspired nanodroplet processing platform for optimal cancer treatment
	Ching Te Kuo, National Taiwan University, Taiwan
	Title:The development of a picolitre sample delivery system for XFEL time resolved studies
	Peter Docker, Diamond Light Source, UK
	Title:The development of a pico litre sample delivery system
	Gabriel Leen, PolyPico, Ireland
	Title:A low-cost manufacturing method for microfluidic device based on soft-lithography technique
	Ran Zhou, Purdue University Northwest., USA
Speaker Slots Avilable	
Poster Presentation	
	Title:Automated venting technique used in microfluidic digital logic lab-on-a-chip device
	Manasi Raje, Shield Diagnostics, USA
	Title:Developing a numerical model for study of a capsule in a microfluidic intracellular delivery platform
	Nishanthi N S, Indian Institute of Technology Madras, India
Panel Discussion	
Award Ceremony	
This program is tentative and it may be subjected to modifications	

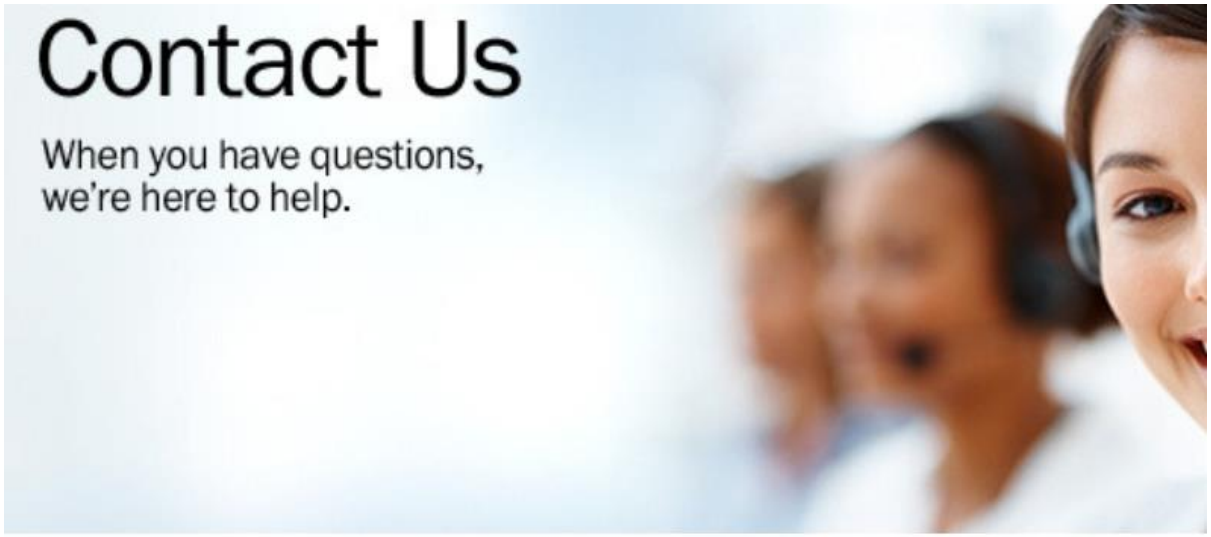
Tourist Attractions



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London is the capital and most populated city of England and the United Kingdom. It is situated on the bank of River Thames and in the south east of the Island of Great Britain. London is a leading global city in the entertainment, arts, commerce, finance, education, fashion, healthcare, research and development, media, professional services, tourism and transportation.



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