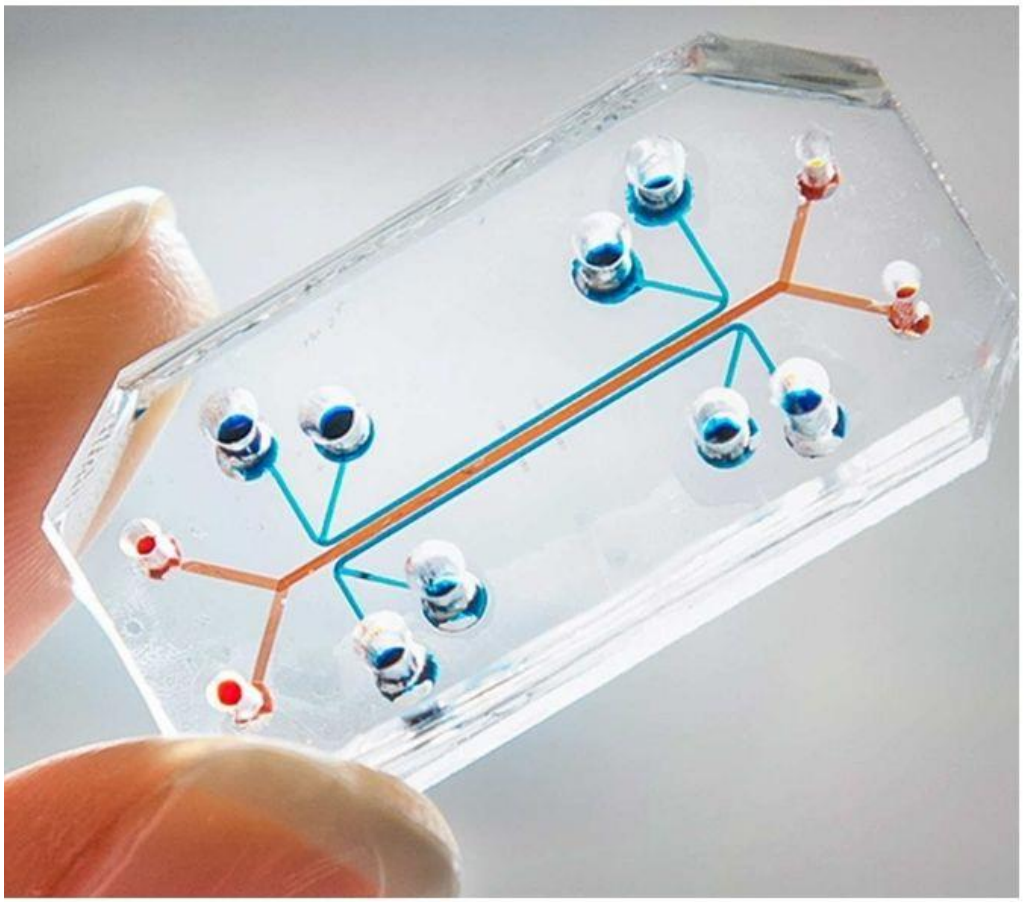
3rd International Conference on

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	
09:00-09:30	Registration
09:30-09:45	Introduction
Keynote Forum	
9:45-10:30	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
10:30-11:15	Title: Asimple microfluidics-Assisted synthesis of polar zinc oxide microspheres
	Laboratoire Laboratory of Quantum and Molecular Photonics, ENS Paris Saclay President Wilson, 94235 Cachan, France,
11:15-11:45	Title: Chip electrophoresis sensor implementing artificial intelligence for soil nutrient sensing
	Kokkinis G, Pessl Instruments, Weiz, Austria
Refreshment & Networking Break 11:45-12:00	
Oral Session	
Session I Introduction	
Sessions: Biofluid Mechanics | Droplet-Based Microfluidics | Microfluidics | Nanofluidics and Fluidmechanics | Thermo-Fluid Dynamics	
12:00-12:30	Title: Microfluidic Preparation of Smart Emulsions and Functional Microparticles
	Jianhong Xu, The State Key Lab of Chemical Engineering, Tsinghua University, Beijing , China
12:30-13.00	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
13:00-13:30	Title: Application of micro- and nano-fluidics in petroleum industry
	Prem Bikkina, Oklahoma State University, USA
Lunch (13:30-14:30)	
14:30-15:00	Title: Lateral flow microfluidic device for concentration of cells sub-populations
	Pizzi Marco, Eltek Group, Italy
15:00-15:30	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
Session II Introduction	
Sessions:	Bio-MEMS/NEMS and Chips | DNA Chips (Micro Arrays) | Microfluidics Cell Culture
15:30-16:00	Title:Surface evolver modeling of capillary micro-channels
	Dr Steven H Collicott, Purdue University, USA
16:00-16:30	Title: Functional and structural cytometry of ultrasound-assisted 3D cell cultures
	Martin Wiklund, Karolinska Institute, Sweden
Speaker Slots Avilable	
Tea Break (16:30-16:45)	
16:45-17:15	Title:Microfluidics-directed self-assembly of DNA-based nanoparticles
	Guillaume Tresset, University Paris-Saclay, France
17:15-17:45	Title:Micro-Nano hydraulics in hetero-structures developed for nuclear applications
	Liviu Popa Simil, Los Alamos Academy of Sciences, USA
Poster Presentations	
	Title:Microfluidic-generated Concave Cavity-microfibers for Water Collection
	Rui Shi, Department of Mechanical Engineering, the University of Hong Kong, Hong Kong, China

Tourist Attractions



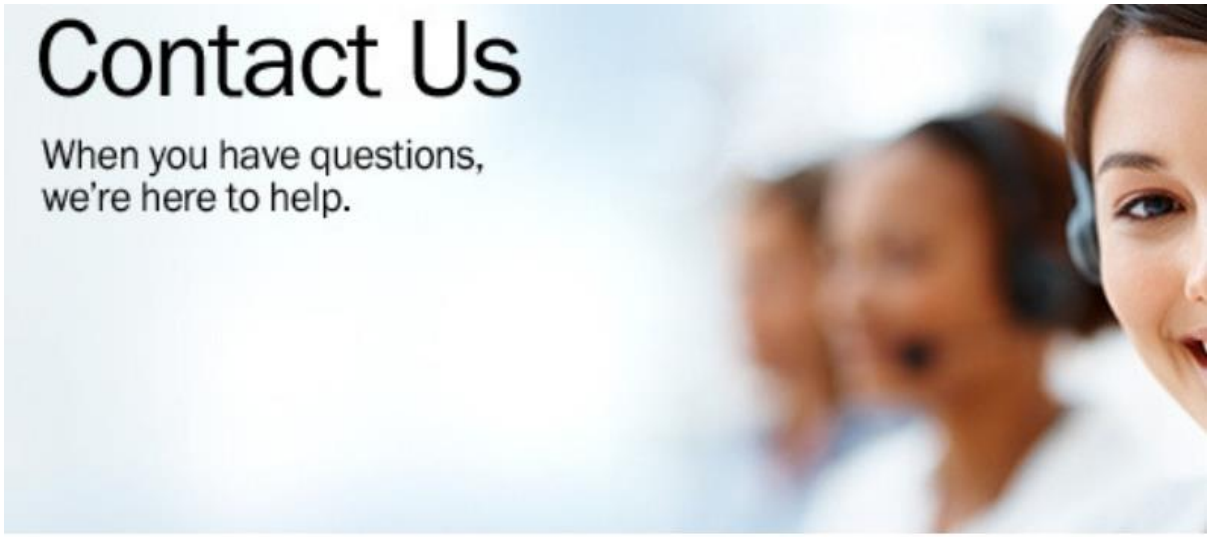




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