Meetings International



International Microfluidics Congress

August 13-14, 2018 | San Diego, USA

Theme:
"Global Analysis of Microfluidic: Trends and Techniques"

Contact Us:

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Dear Colleagues,

Meetings International proudly announces the Global Experts Meeting on "International Microfluidics Congress" scheduled on August 13-14, 2018, San Diego, USA. With a theme of "To Allocate the new possible innovations in field of Cosmetology".

Meetings International provides a Global Platform for Microfluidics Professionals, Microfluidics Practitioners, Medical and Healthcare Professionals to Exchange Ideas, Knowledge and Networking at its 100+ International Conferences.

Microfluidics is the science of handling and controlling fluids, which deals with the flow of liquids inside micrometer sized channels and its usually ranges from microliters (10-6) to Pico liters (10-12), and its networks of channels vary with the dimensions from tens to hundreds of micrometers. This discipline takes its origins in the early 1990's and has grown exponentially. Microfluidics is also considered both as a science and technology.

Conference Highlights :

- Microfluidics Research and Advances
- Nanofluidics Research
- Microfluidic Chip
- Microfluidics In Drug Delivery and Formulations
- Microfluids In Nano-Medicine
- Nano-Materials and Nano-Technology
- Microfluidics In Pharmacy
- Microfluidic Biotechnology
- Lab-On-A-Chip Technology
- Clinical Diagnostics
- Complex Fluid Interfaces
- Point Of Care Technologies
- Fluidic Micro Actuators
- High-Throughput Processing and Analysis

Organizing Committee Members



DR. AMIT BANERJEE
Scientific Researcher
Shizuoka University
Japan



BHARAT BHUSHAN
Professor
Ohio State University
USA



CANDIDO FABRIZIO PIRRI
Professor
Politecnico di Torino
Italy



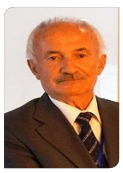
DR ABBAS AMINI
Assistant Professor
Australian College of ACK, Australia



DR. XUAN
Associate Professor
Clemson University
USA



MANASI RAJE
TL Biolabs
USA



OSMAN ADIGUZEL
Firat University
Turkey

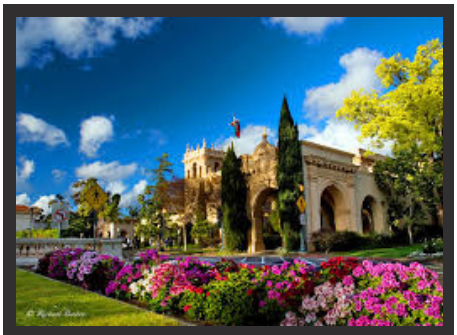


PENG XU
University of California, China

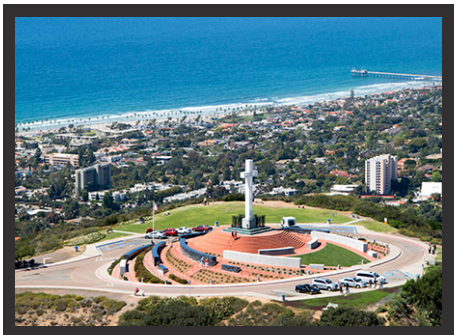
Microfluidics 2018, San Diego USA
August 13 - 14, 2018

Day 1	
August 13, 2018 (Monday)	
09:00-09:30	Registrations
09:30-10:00	Opening Ceremony
10:00-10:15	Introduction
	Keynote Session
10:15-10:45	Title: Mechanically valved centrifugal microfluidic Wanjun Wang, Industrial and Mechanical Engineering, USA
10:45-11:15	Title: Visual or electrical sensing feedback assisted active control of droplets in microchannels towards automated, modular Lab-on-a-Chip platform Carolyn Ren, Chair in Lab on chip Technology, Canada
Group Photo	
11:15-11:30	**Networking & Refreshments**
11:30-12:00	Title: Application of micro- and nano-fluidics in Petroleum Industry Prem Bikkina, School of Chemical Engineering, USA
12:00-12:30	Title: Title:Lateral flow microfluidic device for concentration of cells sub-populations Pizzi Marco, Eltek Group, Italy
12:30-13:00	Title: Automated venting technique used in microfluidic digital logic Lab-on-a-chip device Manasi Raje, TL Biolabs, USA
13:00 -14:00	**Lunch**
	Work Shop
14:00-15:15	Title: Workshop on surface evolver modeling of capillary Micro-Channels Steven H. Collicott, Indiana, USA
15:15-15:45	Title: Functional and structural cytometry of ultrasound-assisted 3D cell cultures Martin Wiklund, Karolinska Institutet, Sweden
15:45-16:00	**Networking & Refreshments**
	Oral Sessions I **Microfluidics Research and Advances	Clinical Diagnostics|Lab-On-A-Chip Technology** **Session Chair: Manasi Raje TL Biolabs, USA** **Session Co-Chair:Martin Wiklund, Karolinska Institutet, Sweden**
16:00 -16:20	Title: Universal lab-on-a-chip platform for culturing and investigation of microorganisms biological potential Agnieszka Podwin, Wroclaw University of Science and Technology, Poland
16:20-16:40	Title : Motility behavior of vibrio natriegens in micro-confined environments Ayyappasamy Sudalaiyadum Perumal, USA
16:40-17:00	Title: Automated, multichannel femtoliter bead-in-droplet formation for Beaming Hiroyasu Takei, Sysmex Corporation, Japan
17:00-17:20	Title: Unfixing the electric field gradients: Active colloids as mobile microelectrodes for unified label-free selective cargo transport Gilad Yossifon, Technion–Israel Institute of Technology, Israel
17:20-17:40	Title:Smelling through microfluidic olfaction technology Mina Hoorfar, University of British Columbia, Canada
	Session Adjournment
Day 2	
August 14, 2018 (Tuesday)	
	Key Note Session
	Introduction
10:00-10:30	Title: Adding new functions to microfluidic devices Hiroaki Suzuki, Tsukuba, Japan
10:30-11:00	Title: Droplet generation and coalescence in microchannel junctions Kai Wang,Tsinghua University, China
11:00-11:15	**Networking & Refreshment Break**
11:15-11:45	Title: Point-of-care testing technologies for a liquid-based biopsy tool Sanglun Moon, Department of Mechanical, Korea
	Special Session
11:45-12:45	Title : Design nnd fabrication of Integrated EWOD microfluidic chips for biological applications Manasi Raje, TL Biolabs, USA
12:45-14:00	**Lunch**
14:00-14:30	Title : Analysis and modeling of capillary fluid statics in microchannels with gravity Steven H. Collicott, Indiana, USA
14:30 - 15:00	Title:Magnetic nanoparticles and sensors for biomedical applications Georgios Kokkinis, TU Wien, Austria
15:00-15:30	Title : Microfluidics-directed self-assembly of DNA-based nanoparticles Guillaume Tresset, France
15:30 -15:45	**Networking & Refreshment Break**
15:45 -16:15	Title: Micro ESR: On chip magnetic resonance spectroscopy of microliter samples Romana Schirhagl, University Medical Center Groningen, Neterlands
Poster Presentations 16:15 Onwards	
	Poster Judge: Manasi Raje, TL Biolabs, USA Steven H. Collicott, Indiana, USA
MF 1	Title : Development of a glucose sensor integrated microfluidic device for cell based assay Hiroshi Kimura, Associate Professo, Tokai University, Japan
MF 2	Title : Micro-Nano hydraulics in hetero-structures developed for nuclear applications Dr. Popa-Simil, Los Alamos Academy of Sciences, USA
MF 3	Title : Novel integrated micropump for High-Throughput DEP-based microfluidics Berke Erbas, Istanbul Technical University, Turkey
MF 4	Title: Cell retension on zein electrospun fiber films Jin-Ye Wang, Shanghai Jiaotong University, China
MF 5	Tittle : Effects of nano-/micro-tricalcium phosphate particles on the control of alginate film properties for bone tissue engineering and Microfluidics Insup Noh, Seoul National University of Science and Technology, Korea
MF 6	Tittle : Novel electrosprayed nanospherules for enhanced aqueous solubility and oral bioavailability of poorly water-soluble fenofibrate Omer Mustapha, Hanyang University, South Korea
MF 7	Title:Comparison of three different types of cilostazol-loaded solid dispersion: Physicochemical characterization and pharmacokinetics in rats Shumaila Shafique , University of Sindh Jamshoro, Pakistan
	Session Adjournment and Award Ceremony
	Networking & Interactive sessions

Tourist Attractions



Balboa Park



Mount Soledad



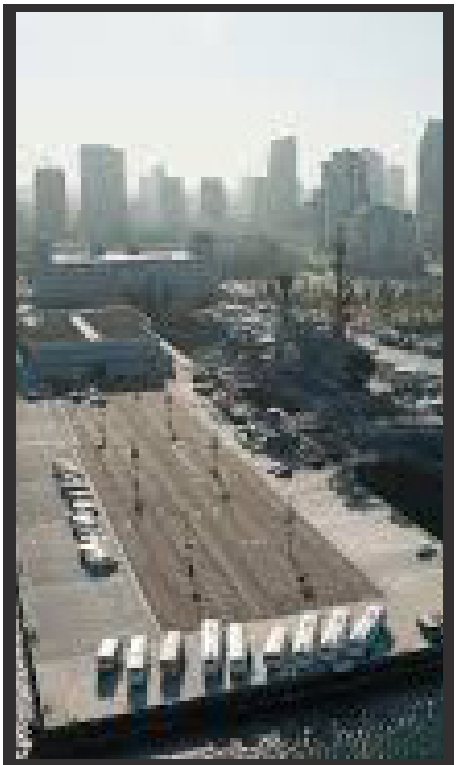
Cabrillo National Monument



Old Town San Diego State Historic Park



San Diego Botanic Garden



USS Midway Museum



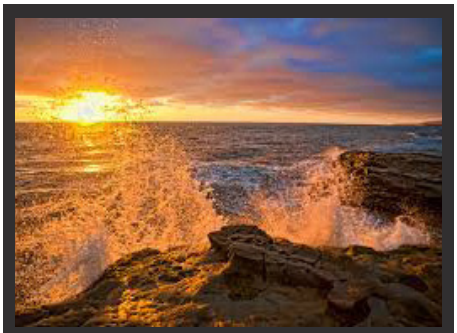
San Diego Zoo



San Diego–Coronado Bridge



SeaWorld San Diego



Sunset Cliffs Natural Park

About San Diego

Venue:

San Diego, USA



San Diego is a city on the Pacific shore of California prevalent for its shorelines, with warm atmosphere. Monstrous Balboa Park is the site of the famous San Diego Zoo, and furthermore various workmanship exhibitions, craftsman studios. San Diego's specialties and culture and culinary expressions are blooming. Balboa Park, the biggest urban social spot in the U.S. In San Diego's North County, the agricultural community produces quantities of flowers and magnificent produce. San Diego County also features 92 golf courses and a variety of exciting participatory and spectator sports, beachfront resorts and luxury spas, gaming

Beach front resorts and extravagance spas, a dynamic downtown locale, yearly extraordinary occasions, multicultural celebrations and festivities.

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

For Queries
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Conference Manager
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