



Conference Mind

SCIENTIFIC PROGRAM 2022

2nd International Conference On

# MICROFLUIDICS

May 12-13, 2022

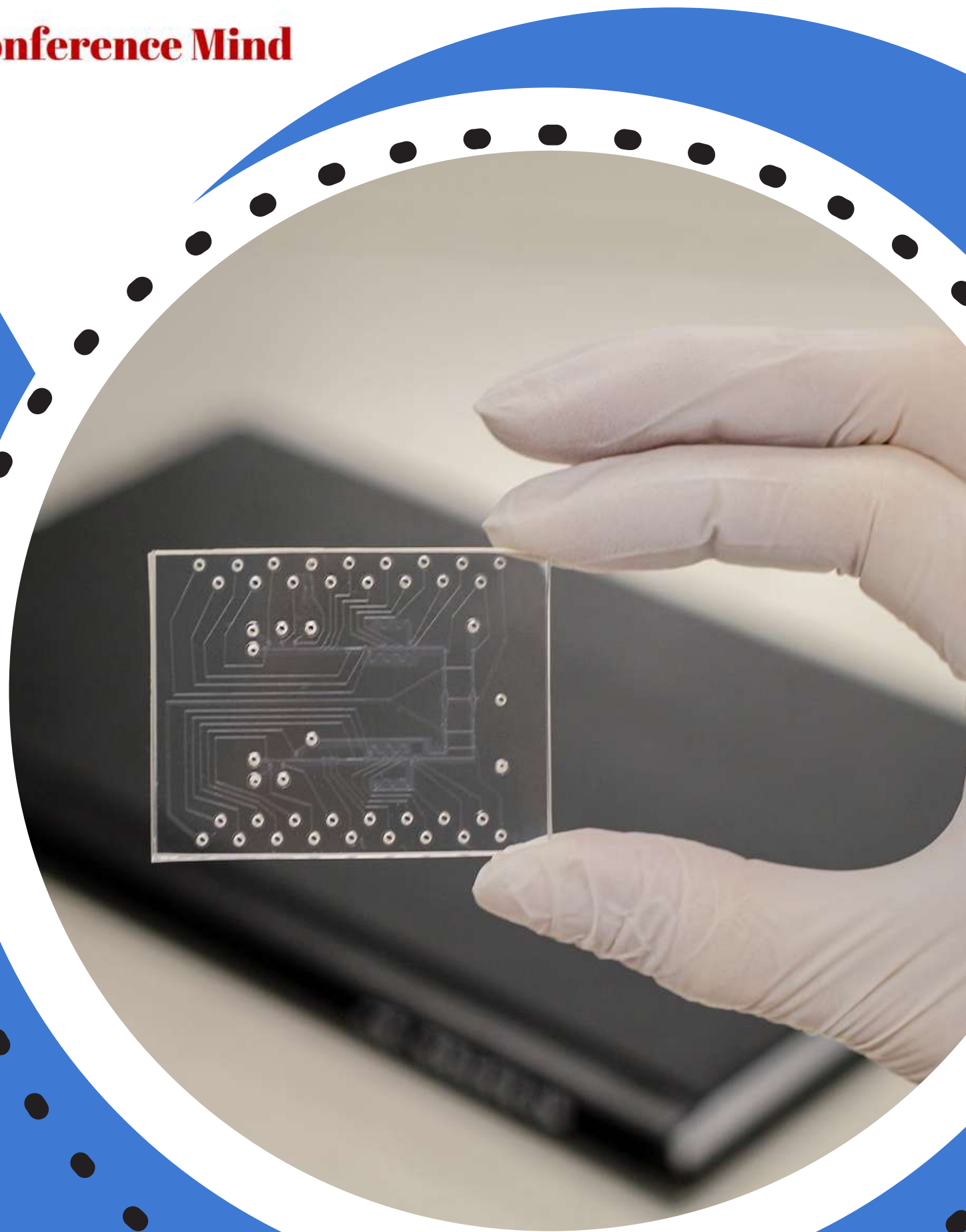
THEME: Current Trends And Future Directions In The Field Of Microfluidics

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<https://conferencemind.com/conference/microfluidics>



# ORAL SESSION - I

# DAY-1

## Paper Title

## Speakers

**13:00 PM - 13:30 PM**

**Heat Transfer Growth Using  
Composites/Hybrid Nanofluids in Heat  
Exchangers**



**Waqar Ahmed**  
University of Malaya, Malaysia

**13:30 PM - 14:00 PM**

**Active microfluidic devices for cell  
sorting and separation**



**Kumaravel Kandaswamy**  
Kumaraguru College of Technology,  
India

**14:00 PM - 14:30 PM**

**Various fabrication techniques used  
for microfluidic channel fabrication  
and their uses**



**Tarun Kumar Dhiman**  
Jawaharlal Nehru University, India



## Paper Title

## Speakers

**14:30 PM - 15:00 PM**

**Importance of microfluidic channel cross-section for accurate determination of the particle through impedance-based cytometry**



**Sasikala. S**  
Indian Institute of Science, India

## KEYNOTE SESSION

**15:00 PM - 15:40 PM**

**Stereolithographic Additive Manufacturing of Energy Control Devise for Environmental Monitoring**



**Soshu Kiriara**  
Osaka University, Japan

## POSTER SESSION

**15:40 PM - 16:00 PM**

**Rapid and label-free detection of Aflatoxin-B1 via microfluidic electrochemical biosensor based on manganese (III) oxide (Mn<sub>3</sub>O<sub>4</sub>) synthesized by co-precipitation route at room temperature**



**Avinash Kumar Singh**  
Jawaharlal Nehru University, India



# ORAL SESSION - II

## Paper Title

## Speakers

**16:00 PM - 16:30 PM**

**Microfluidic Droplet Cluster with Distributed Evaporation Rates as a Model for Bio-aerosols**



**Maheshwar Reddy Gopu**  
Indian Institute of Science, India

**16:30 PM - 17:00 PM**

**Microfluids from the point of view of printing and ink-jet and its effect on securing documents and banknotes and the speed of liquid dispersal in papers and substrates**



**Mohamed Aboelazm**  
Alexandria, Egypt

**17:00 PM - 17:30 PM**

**Microfluidics route to generate micro biocarriers through electro hydrodynamics**



**Danish Eqbal**  
Indian Institute of Science, India



## Paper Title

## Speakers

17:30 PM - 18:00 PM

Update soon



**Hirohito Yamazaki**  
The University of Tokyo, Japan

18:00 PM - 18:30 PM

Recent progress in simulating Inertial  
Microfluidics



**Ali Karimi**  
Sharif University of Technology,  
Iran

18:30 PM - 19:00 PM

Title : Update soon



**Jobin Varghese**  
Fraunhofer IKTS, India

# Session Adjournment