



Georgia Tech  
Institute for Electronics  
and Nanotechnology

Fall 2023

# NANOFANS

## FORUM

"Bridging Biology & Nanotechnology"

Topic: **Bio-Microfluidics**

**11:00 AM - Welcome**

11:10—11:50 AM

**"Immiscible Aqueous droplets for Biosensing and Microbial Community Studies"**

- [Dr. Shuichi Takayama](#), Professor of Biomedical Engineering at Georgia Tech

11:50—12:30 PM

**"Testing thousands of lipid nanoparticles *in vivo*"**

- Mr. Ryan Zenhausern, [Dahlman Lab](#), Department of Biomedical Engineering at Emory-Georgia Tech

**12:30 - 1:10 PM - Lunch Break**

1:10—1:50 PM

**"Microfluidic Detection and Isolation of Bloodborne Circulating Tumor Cells for Personalized Cancer Management"**

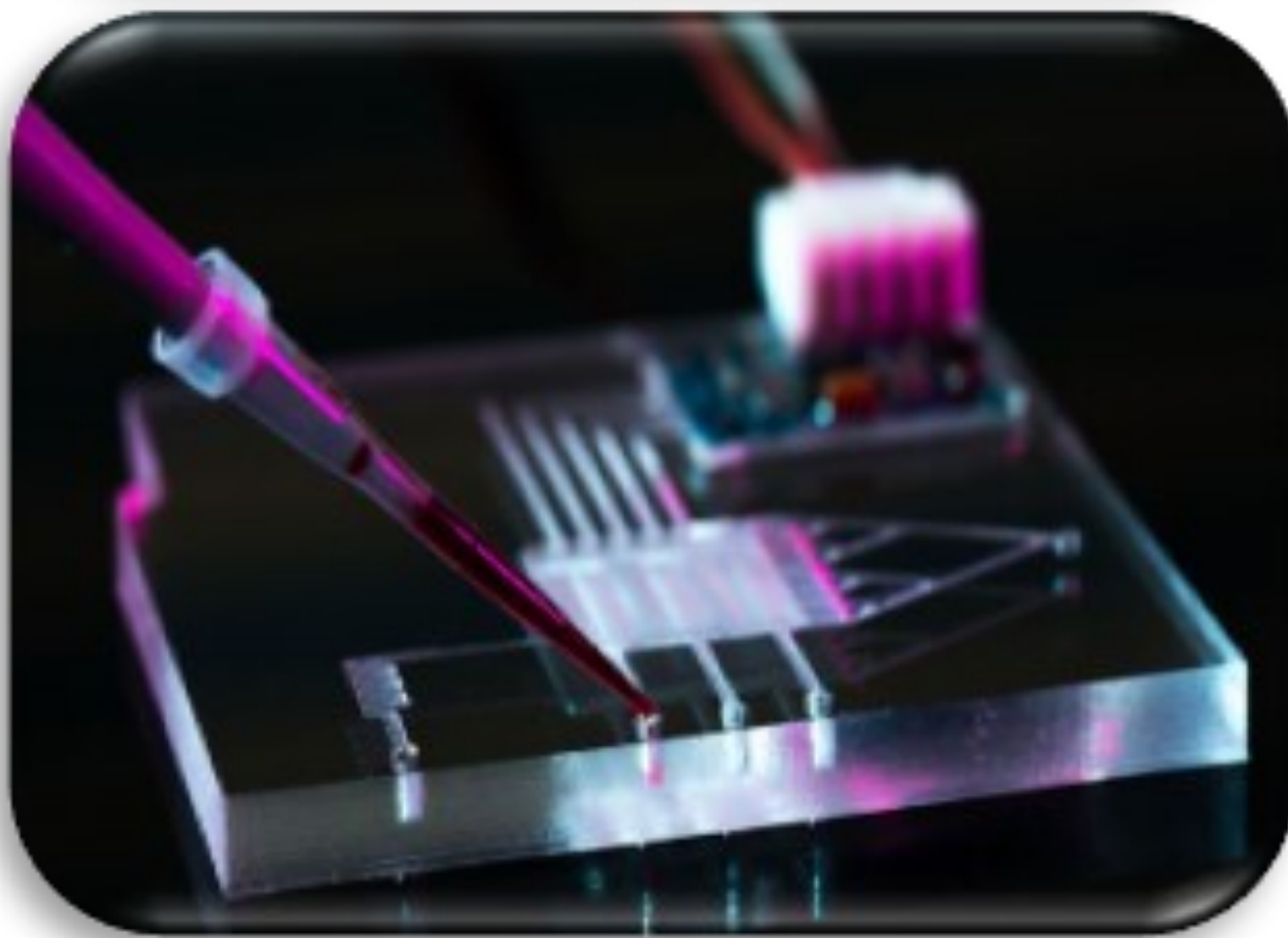
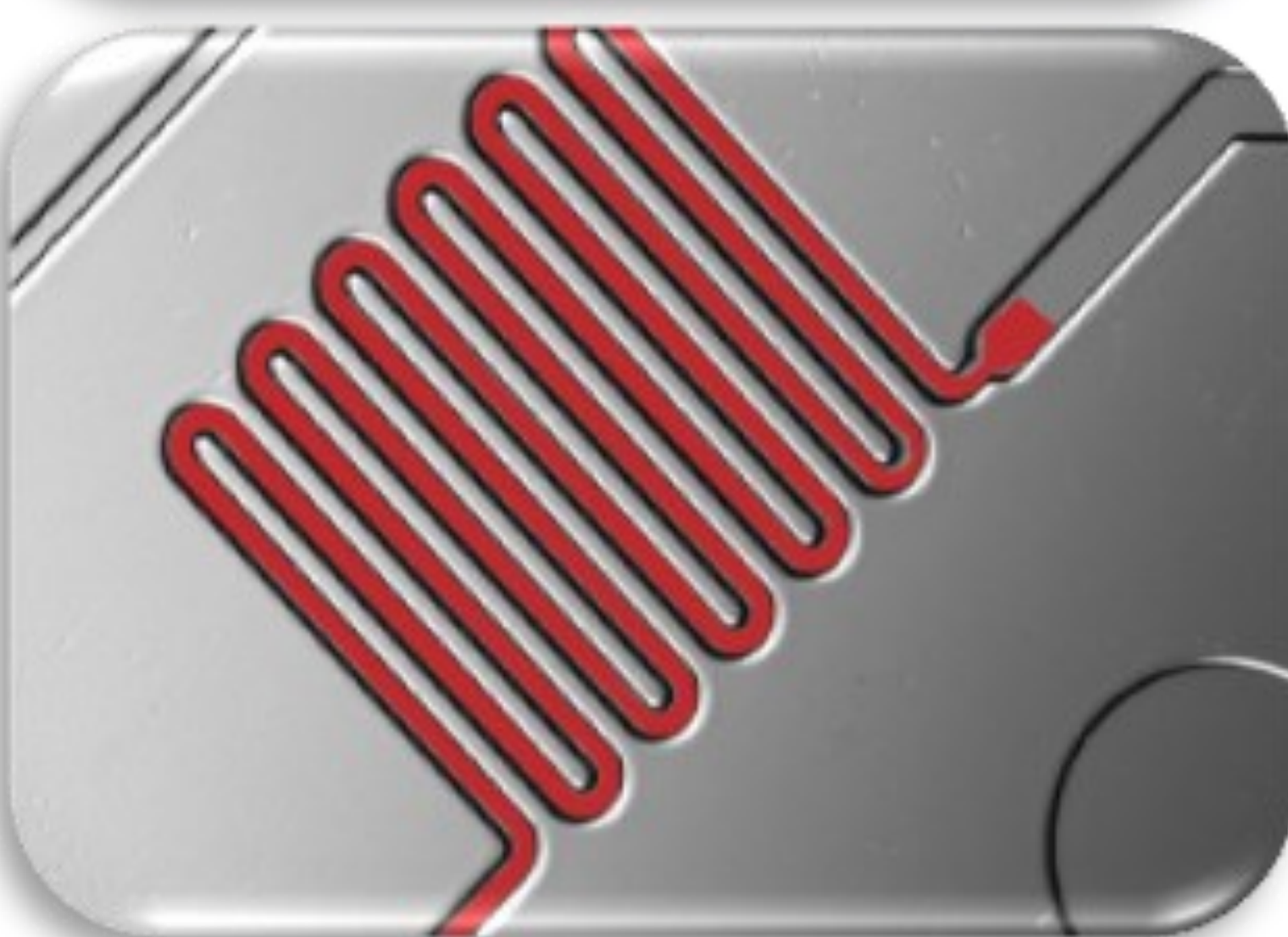
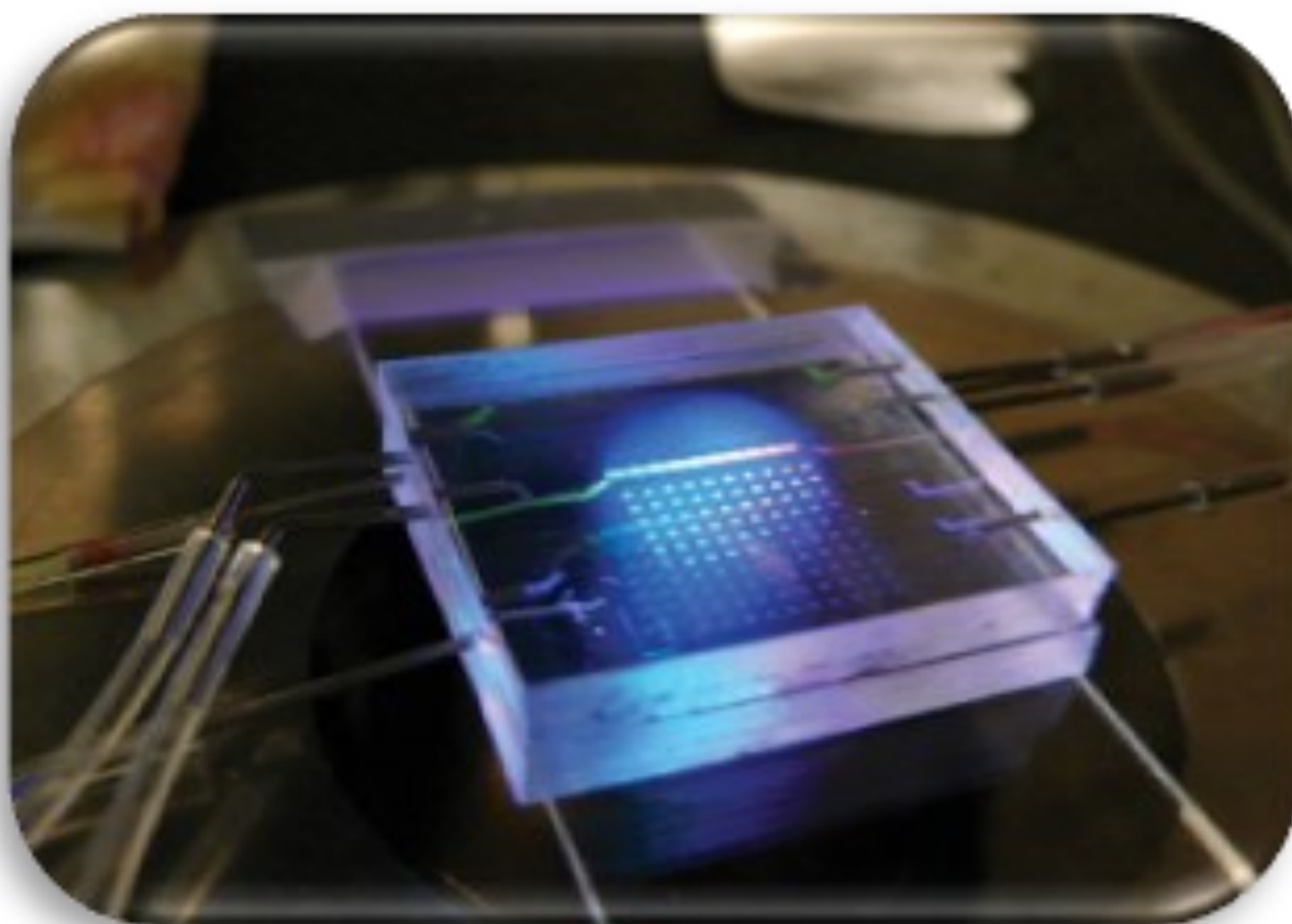
- [Dr. Fatih Sarioglu](#), Professor of Electrical and Computer Engineering at Georgia Tech

1:50—2:30 PM

**"Micro/Nano-Fluidics Exploiting Focused Electro-mechanical Fields for Large Biomolecule Delivery, Sensing, and Imaging"**

- [Dr. Andrei Fedorov](#), Professor of Mechanical Engineering at Georgia Tech

**2:30 - 3:00 PM - IEN Cleanroom/MCF Tour (Optional)**



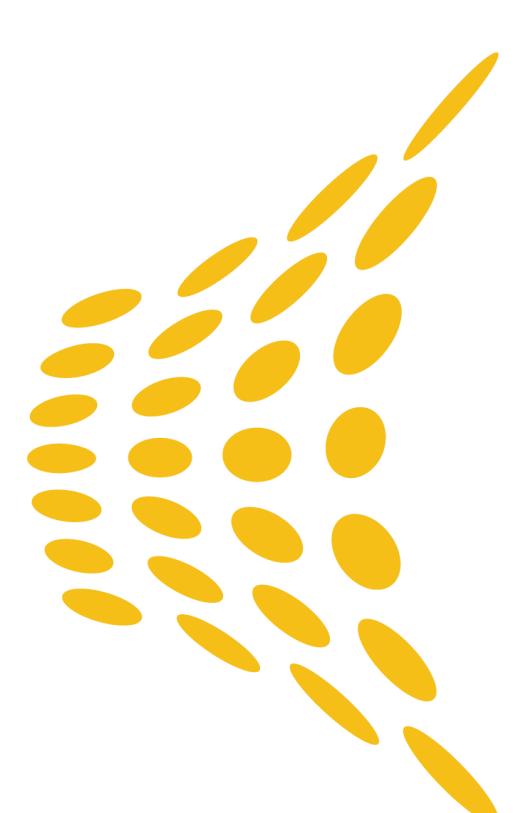
**Tuesday  
October 17, 2023  
11 AM - 2:30 PM  
Marcus  
Nanotechnology  
Building  
345, Ferst Drive  
Atlanta, GA 30322**

Contact Info:

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Make your lunch reservation (lunch at no cost) no later than October 15 at the link:

<https://tinyurl.com/fall2023nanofans>



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