



## Topic: **Medical Electronics (Flexible & Wearable)**

### 11:00 AM - Welcome

11:10—11:50 AM

#### **"Wearable Electronics: State of the Art and Challenges"**

- **Dr. Suresh Sitaraman**, Professor of Mechanical Engineering at Georgia Tech

11:50—12:30 PM

#### **"Wireless, Stretchable Hybrid Electronics for Smart and Connected Physiological Monitoring"**

- **Dr. W. Hong Yeo**, Professor of Mechanical Engineering at Georgia Tech

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

1:10—1:50 PM

#### **"3D Multi-electrode Arrays Fabricated on Flexible Substrate Enabled Single-Unit Recordings of Muscle Activity"**

- **Dr. Muneeb Zia & Dr. Bryce Chung**, Research Engineers at Georgia Tech and Emory University respectively

1:50—2:30 PM

#### **"Wearable Joint Health Assessment with Acoustic Emission and Bioimpedance Spectroscopy Sensing"**

- **Dr. Omer Inan**, Professor of Electrical and Computer Engineering at Georgia Tech

### 2:30 - 3:00 PM - IEN Cleanrooms/ Labs Tour

Thursday  
October 10, 2019  
11 AM— 2:30 PM  
Marcus  
Nanotechnology  
Building

345, Ferst Drive  
Atlanta, GA 30322

*Contact Info:*

Paul Joseph, Ph.D.  
Principal Research Scientist  
paul.joseph@ien.gatech.edu  
404-894-5029

Make your lunch reservation (lunch at no cost) no later than October 7 at the link:

<http://fall2019nanofans.doattend.com/>