

# NANOFANS

## FORUM

"Bridging Biology & Nanotechnology"

Event Focus: **Trends in Medical Robotics**

### 11:00 AM - Welcome

11:10—11:50 AM

**"Meso-to-Miniature-scale Robotic systems for Surgical Interventions"**

- **Dr. Jaydev Desai**, Professor of Biomedical Engineering at Georgia Tech



11:50—12:30 PM

**"Using deep learning to power the next generation of brain-machine interfaces"**

- **Dr. Chethan Pandarinath**, Professor of Neurosurgery, Emory Medical School and BME, Georgia Tech



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

1:10—1:50 PM

**"3D-printed actuators for microrobotics applications"**

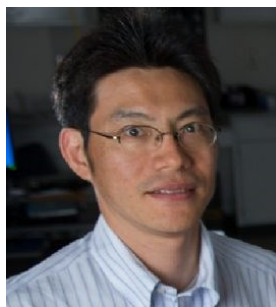
- **Dr. Azadeh Ansari**, Professor of Electrical & Computer Engineering at Georgia Tech



1:50—2:30 PM

**"Robotic Induction of Neuromodulation in Human Motor System for Biomedical Applications"**

- **Dr. Jun Ueda**, Professor of Mechanical Engineering at Georgia Tech



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

Make your lunch reservation (lunch at no cost) no later than October 12 at the link:

<http://fall2018nanofans.doattend.com>



**Tuesday,  
October 16, 2018  
11 AM— 2:30 PM  
Marcus  
Nanotechnology  
Building**

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Atlanta, GA 30322**

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