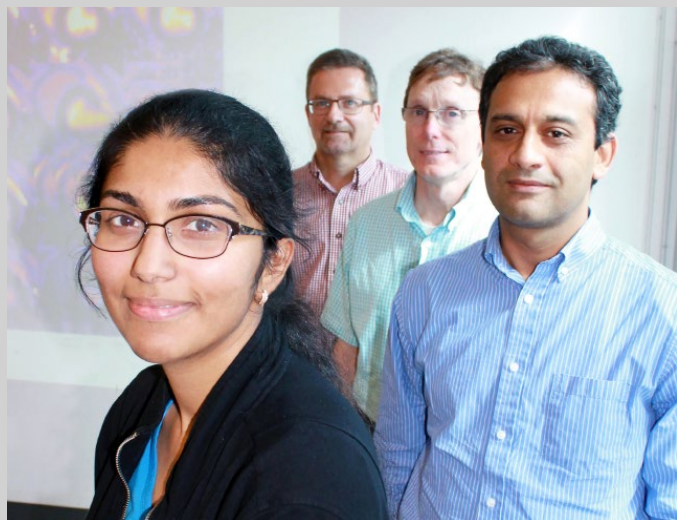


# ECE Weekly

The Ohio State University Department of Electrical and Computer Engineering



## Preventing Heart Disease in Real Time

For those living with congenital heart defects or past heart failure, knowing accurate blood oxygen levels in the body could mean the difference between life or death. Currently, testing for those levels means hooking patients up to a catheter, but a collaborative team of faculty at The Ohio State University recently won a two-year \$423,500 funding award from the **National Institutes of Health** (NIH) Exploratory/Developmental Research Grant program to create a tool that makes blood oxygen testing less invasive and more efficient, without the need to even break the skin.

Story: <http://go.osu.edu/RT-heart>



## 2016 AMTA Distinguished Achievement Award

The **Antenna Measurement Techniques Association** awarded its highest honor to Ohio State Electrical and Computer Engineering faculty member **Dr. Chi-Chih Chen**.

Story: <http://go.osu.edu/atmchen>

## Anti-Drone Device Tested at ESL

The U.S. Air Force announced it recently took down an ISIS drone with a new electronic device created by Battelle, which was originally tested at the Ohio State ElectroScience Lab in 2015. Read more: <http://go.osu.edu/dronewep>



## Guest Speaker Events



Career Talk: **Thomas J. Burns**, ECE alumnus and DARPA Strategic Tech Office Director, will discuss "My Career as an Electrical Engineer," Friday Nov. 4 at 2:30 p.m. in Drees Lab Rm. 260. Students looking for insight and advice are encouraged to attend. Details:

<http://go.osu.edu/burns-talk>



Guest Lecture: **Dr. Paulo Gotardo** of Disney's Research Computer Vision Group and Capture Effects talks Friday, Nov. 4 at 5:20 p.m. in Baker Rm. 120. Details:

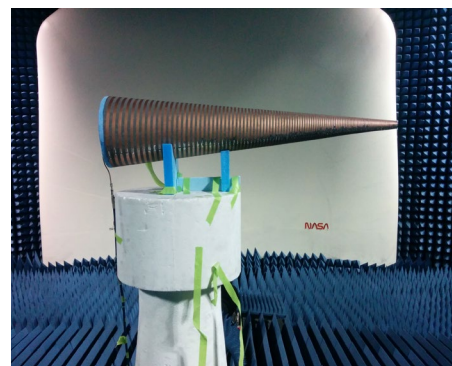
<http://go.osu.edu/paulo>

Disney

## UWBRAD Antenna Design

Ever wonder what it takes to design an antenna for the outside of an airplane in extreme wind and cold conditions? UWBRAD ice sheet temperature researcher **Domenic Belgiovane's** paper popped up online this week at IEEE.

Link: <http://go.osu.edu/UWBRAD-dom>



## 10TV Heralds CAR 25th Anniversary

In case you missed the festivities last week, the **Center for Automotive Research** just celebrated 25 years of innovation. Columbus 10TV news featured the facility on their program: <http://go.osu.edu/10tvCAR>

