18th Annual Embedded Systems Workshop

October 17 & 24, 2020, 8:30 a.m. to 12:30 p.m. (Saturdays)
Virtual/Online Live Sessions, EST/EDT Time Zone

Agenda

Saturday, October 17th, 2020
08:00 AM - Registration Desk Opens;

08:30 AM - Workshop Begins; Welcome by Dr. Subra Ganesan & Sharan Kalwani

08:35 AM – Welcome by Dr Michelle Piskulich, Interim Vice President and Provost, Oakland University

08:45 AM - Jeff Kelley & Atilla Bulmus (Infineon): Side Channel attacks and what can stop them?

09:10 AM - Jhansi Manda (Valeo): Sensor Fusion for ADAS

09:55 AM - Chris Schlink (iSYSTEM): Introduction to Hardware Tracing

10:35 AM - Coffee Break, Networking and 1st Raffle Prizes/Drawings

10:50 AM - Jacob Beningo (Beningo Embedded Group): Best Practices for RTOS based Applications

11:30 AM - Suraj Gajendra (ARM); ARM in Automotive and IoT world

12:10 PM - 2nd Raffle Prizes/Drawings; Preview of 2nd session events

12:20 PM - VIRTUAL GROUP PICTURE (everyone enables turns on their webcams/video streams)

12:30 PM - Workshop for the Day 1 ends

Saturday, October 24th, 2020
08:00 AM - Registration Desk Opens;

08:30 AM - Workshop Begins; Welcome by Dr. Subra Ganesan & Sharan Kalwani

08:35 AM - Francesco Richichi (SURF VDHL) - Keynote Speech – Role of VHDL in Embedded Systems

09:10 AM - Intrepid Control Systems

09:55 AM - Professor Subra Ganesan (Oakland University): Role of RTOS in Embedded Systems & IOT

10:30 AM - Jim Riess, IEEE Region 4 Industry Engagement

10:35 AM - Coffee Break, More Networking and 3rd Raffle Prizes/Drawings

10:50 AM - Benjamin Sweet (Teknowledge): "Improving Value with Model Based Development"

11:20 PM - Bill VeenHuis (NVIDIA): Current Roadmap of ADAS Technologies

12:10 PM - FINAL Raffle Prizes/Drawing

12:15 PM - Vote of thanks & Conclusion;

12:20 PM - VIRTUAL GROUP PICTURE (everyone enables turns on their webcams/video streams)

12:45 PM - Workshop Ends

A Certificate of Attendance is available for those who participate in all the sessions, on the consecutive Saturdays. Please indicate this at the time of registration *and* email the sponsors in advance. As we

have many raffle prizes, remember to register with your US mailing address, so we can send you any winnings! Any questions? Email esw2020@ieee-sem.org