





IEEE Components, Packaging and Manufacturing Technology (CPMT) Society Orange County Chapter and UC Irvine Calit2

Presents

INTERNET OF THINGS: TECHNOLOGIES ENABLING THE REVOLUTION

Friday, December 5, 2014 UC Irvine Calit2 Auditorium

PLATINUM SPONSOR



INTRODUCTION

This one-day workshop provides design engineers an in-depth overview of the design challenges in the Internet of Things. It covers the technical aspects of IoT applications, end-use device design and packaging, semiconductor and sensor devices, wireless connectivity, back-office infrastructure system design, reliability requirements and industry standards. Attendees will learn from leading companies and technical experts in the field.

WHO SHOULD ATTEND:

Engineers and managers who are interested in understanding design challenges for Internet of Things devices and systems.

SPEAKERS:

Matthew Cheng, Broadcom
Dipesh Patel, ARM

Mudasir Ahmed, Cisco

Jane Lim, Cisco

Fabio Urbani, Medtronic

Joe Dews, AGC Partners

Larry Williams, Ansys

Bill Bottoms, 3MTS

Mark Bachman, UC Irvine Tim Lenihan, TechSearch **M2M Landscape**

ARM Strategy for IoT

Designing for the Internet of Things: A Paradigm Shift in Reliability

High Speed Serial Links - Design Trends & Challenges

Connected Medical Device Design

Overview of IoT from Investment Banking Perspective

Simulation Advances for IoT Devices and Infrastructure

Packaging Challenges for IoT

Sensors for IoT

Packaging and Assembly for Wearable Electronics

EXHIBITION:

Table-top vendor exhibits and sponsors will demonstrate the latest technology enabling IoT designs, supplies and products.

On-line REGISTRATION:

Registration Period: November 1 to December 5

Earlybird Registration Fee: IEEE members - \$40; Non-members of IEEE - \$50; Students - \$20; IEEE Student Members - \$10 (Prices will increase by \$10 for non-student registrations after November 20, 2013)

Register online at http://enablingiot.eventbrite.com

For questions on Registrations, please contact Alex Pfeiffenberger at alexander.pfeiffenberger@broadcom.com.

Date and time: Friday, December 5th, 2014 8:30am – 5:00pm (Lunch provided for all attendees)

Location: Calit2 Building, University of California – Irvine (see map on the next page)

LOCATION & PARKING INSTRUCTIONS



The University parking fee is waived. Parking will be available in the Advanced Parking Structure (APS) off East Peltason Drive.

For more information please contact any of the following officers of the IEEE CPMT OC Chapter and members of the planning committee.

Follow us on LinkedIn.

General Chair

Lawrence Williams, Ansys Corporation, <u>larry.williams@ansys.com</u> *UC Irvine Calit2*

Professor G.P. Li, Director, Calit2, gpli@calit2.uci.edu

Technical Program

Wei Koh (Chair), Pacrim Technologies, wkoh2003@hotmail.com
Bob Warren (Co-Chair), Conexant, robert.warren@conexant.com
Sam Karikalan (Keynote), Broadcom Corporation, samkarikalan@ieee.org
Sudhir Sharma (Industry Relation), Ansys Corporation, sudhir.sharma@ansys.com

Registration & Finances:

Alexander Pfeiffenberger, <u>alexander.pfeiffenberger@broadcom.com</u> *Publicity:*

Publicity

Zijie Cai, zijiecai@broadcom.com

Vendor Exhibits & Sponsorships:

Aaron Edwards, Ansys Corporation, aaron.edwards@ansys.com Local Arrangements:

Lawrence Williams, Ansys Corporation, <u>larry.williams@ansys.com</u> Chunwei Yu, Broadcom, <u>chyu@broadcom.com</u> Jiawei Zhang, Broadcom, <u>jiawei@broadcom.com</u>