


Wearables



- Registration /Continental Breakfast 8:30-9:00
- Introduction -Shomir Dighe/ Luu Nguyen 9:00-9:05
- Selecting Sensors for Wearables 9:05-9:50
Dr. John Chong- *VP Product & Business Development –Rohm/Kionix*
- A Balancing Act: CPU Selection in Wearable Device Design 9:50- 10:20
John Min-*Director Solutions Engineering Imagination*
- How Wearables Intersect with the Cloud and IoT 10:20-10:45
Joseph Wei- *Chair IEEE CES SV Chapter*


- Break 10:45-11:00

- Survey of Energy Sources 11:00-11:40
Jay Ha – *CEO Materials and System Inc.*
- Security Strategies for Wearables 11:40-12:00
Ray Potter- *CEO SafeLogic*


- Lunch and Expo 12:00-13:00

- Developments in Flexible Electronics 13:00 -13:25
Dr. Malcolm Thompson- *CEO Nano-Bio Manufacturing Consortium*

- Market Survey on Wearables 13:25-13:45
Dr. John Feland – *CEO Argus Insights*
- Wrap up and Raffle 13:45-14:00



IEEE Santa Clara
Valley Consumer
Electronics Society



Organizer/ Moderator

Shomir Dighe

- Mr. Dighe MBA MME-IIT Chicago, started a career in electromechanical packaging as a Mechanical lead at Motorola (Schaumburg) developing their next generation 6Ghz duplex T/R.
- He worked for 11+ years leading cross functional development teams at Rockwell and Space Systems Loral that delivered a major portion of the Electrical Power System for the International Space Station.
- Mr. Dighe then expanded his product knowledge to include chip scale packaging and packaging for ruggedized environments.
- At BAE Systems as Turret Lead, he led a cross functional team that delivered the first functional breadboard of an unmanned turret for the next generation of network centric armored combat vehicles on the Army 's FCS program. Along the way he earned an MSE in Embedded Systems from SJSU.
- Mr. Dighe's current interests are in solid state storage devices and wearable electronics. He is working with a startup for developing a wearable electronics device.
- Mr. Dighe is a Senior Member of IEEE and is the current Symposia Chair for the CPMT SV chapter. He holds a PMP certification from the Project Management Institute.

Introduction

- Why the interest in Wearables
 - Huge Evolving Market
 - Multiple Players -Big and Small
 - Multiple Use cases
 - VC Funding
- Why this Seminar
 - Introduction to the building blocks
 - Navigating thru multiple choices
 - Understanding some of the challenges

Wearables Survey

Of the 115 who responded [incl duplicate responses]during online registration

Interests

- 53 interested in Components/ Sensors
- 29 in customer experience/ ease of use
- 35 in Packaging
- 61 in Underlying Technology
- 2 in costs etc

Self assessment of awareness

- Expert 11
- Very Knowledgeable 18
- Some knowledge 43
- Novice 12
- [there was one I think who said Very Knowledgeable as well as Novice]