

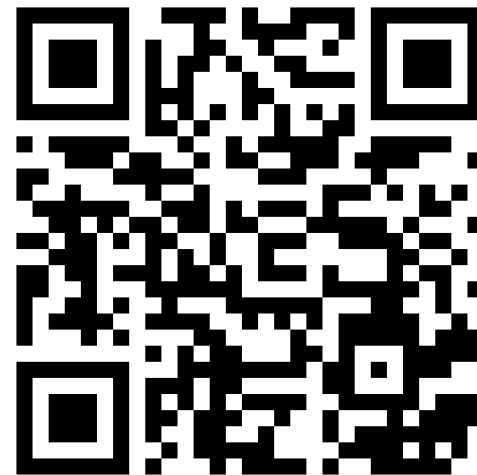


*Meetup*

**tinyML – Enabling Ultra-low Power ML at the Edge**



**Join our  
Meetup  
Group**



**Join our  
LinkedIn  
Group**



# Introducing tinyML Austin



Arpit Shah

Director of Technology &  
Partner Enablement

Ambiq Micro



Manar El-Chammas

Director of Analog Design

Mythic AI

Welcome, Austin!



# Bay Area tinyML - New Volunteer

Manu Rastogi  
Machine Learning Scientist  
HP Labs



Welcome, Manu!



# Future Meetups

- October 29, 2019
  - In conjunction with TensorFlow World
- November 21, 2019
  - Hosted by and speakers from DSP Group
- December 2, 2019
  - In conjunction with Arm AIoT Dev Summit
- January 2020
  - Hosted by Lattice Semiconductor



# tinyML : bigGrowth

- LinkedIn community – 516 members
- Bay Area meetup group – 586 members
- Austin meetup group – 127 members
- YouTube Livestreaming
- Future meetup groups and viewers worldwide!



# Would you like to...

- Present on a topic?
  - From a 5-min tinyTalk
  - Up to a 60-min full presentation
- Show your demos?
- Sponsor a future tinyML Meetup event?
  - Sponsor venue?
  - Sponsor refreshments?
- Organize a meetup at your location?



# tinyML Summit 2020

A promotional banner for the tinyML Summit 2020. The background is a dark blue, textured surface. On the left, the text "tinyML Summit 2020" is displayed in white and orange, with the tagline "Enabling ultra-low Power Machine Learning at the Edge" below it. The dates "February 12-13, 2020" and location "San Jose, California" are also present. A prominent orange button with the word "REGISTRATION" is at the bottom left. On the right, a yellow starburst graphic contains the text "2020 SPONSORSHIP OPPORTUNITIES".

**tinyML Summit 2020**  
*Enabling ultra-low Power Machine Learning at the Edge*

**February 12-13, 2020**  
San Jose, California

**REGISTRATION**

**2020 SPONSORSHIP OPPORTUNITIES**

- Sponsorship opportunities still available
- Posters – abstract submission deadline **Nov. 1<sup>st</sup> 2019**





# SENS MACH 2019

Co-located with  
SEMI MSEC 2019



**Call for Participation: Industry – University Meeting  
Sensors and Machine Learning - Focus on Tiny Machine Learning (TinyML)**  
Industry-University Event, October 22, 2019, 11am-5pm  
R&D Presentations, Industry Panel, Short Course on Machine Learning  
**Marriott Coronado Island Resort & Spa (San Diego)**  
2000 2nd St, Coronado, CA 92118

A focus on Tiny Machine Learning (TinyML)

[sensmach.asu.edu](http://sensmach.asu.edu)

**The Focus on Tiny Machine Learning (TinyML)**  
Industry-University Workshop on **Sensors and Machine Learning**  
**SENS | MACH 2019**  
WHERE SENSORS AND ALGORITHMS COME TOGETHER  
**October 22, 2019**

Integrated Design of Embedded Sensors and Algorithms for Mobile Analytics

Cloud  
Big Data  
Network

Sensor: homogeneous or heterogeneous sensor devices

Signal Processing: denoising sensor-level fusion

Feature Vector: extraction, feature-level fusion

Templates

Big Data

Matching

Scores and Score Fusion

Decision: decision and decision fusion

SenSIP ASU

Learn the Latest on Hardware and Algorithms for Sensor Systems and Applications





Thank You!

Google

For Venue & Refreshments



# Today's Talks



Prof. Boris Murmann  
Stanford



Venkat Rangan  
tinyVision.ai



Zach Shelby  
Edge Impulse