

SenSIP Industry-University Summer 2019 Meeting

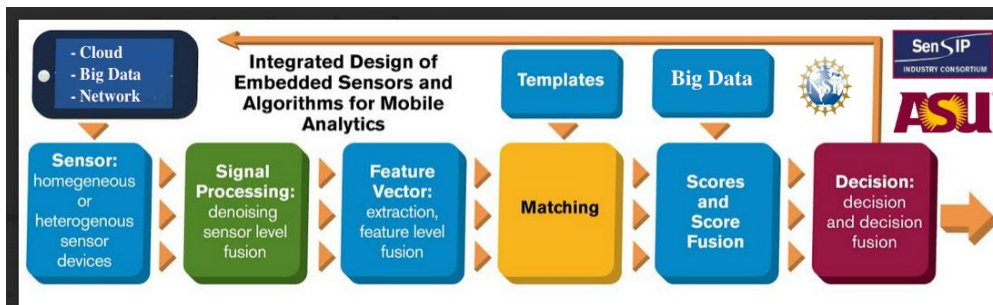
Final Program

SenSIP Industry-University Event, July 2, 2019

College Ave Commons - Sun Devil Market Place, Room: Devil's Oasis, 660 S College Ave



Industry and University Presentations, Student Research Poster Session



Sponsored in part by the NSF I/UCRC program and the ASU SenSIP Center.

Technical Co-Sponsor: IEEE Phoenix SPCOM Chapter



<http://sensip.asu.edu>

PROGRAM –ASU, College Ave Commons – Oasis Room, July 2, 2019

Agenda

8 am - Light Breakfast

8 25 am Introductions

8:30 am Mike Stanley, Machine Learning from MCU to Cloud, NXP, (Industry Plenary Talk) (30 min)

9:00 am Satish Narayanan, Making sense of food with blockchain, RIPE,io (20 min)

9:20 am Kristen Jaskie, Positive Unlabeled Machine Learning and Applications, ASU SenSIP (20 min)

9:40 am Robert LiKamWa, "Hybridizing the Digital and Physical with Augmented Reality Systems," (20 min)

10 am Coffee (20 min)

10:20 am Anthony Bajoras, MedTech Ventures: A new model for innovation and commercialization of biosensors and their applications, CXO Management (20 m)

10:40 am Suren Jayasuriya, ASU, Synchronized Projector-Camera Systems for Light Transport Estimation (20 min)

11:00 am Joe Marvin, PSG, Radar Sensors and Machine Learning (20 min)

11:20 am Andreas Spanias, ASU SenSIP Center Sensor and Machine Learning Activities (20 min)

11:40 am REU and Graduate Student Research - Elevator Pitch (15 students - 1 slide each)

12 PM Lunch, REU Student Posters and Networking

REU and Graduate Student Research Posters

2:30 pm Adjourn

REU POSTERS

Poster 1: Machine Learning for Energy Segmentation & Forecasting, D. Smith

Poster 2: Towards Autonomous Thermal Imaging Robots for Heat Sensing, O. Christie

Poster 3: Point-of-Care HPV Diagnostic Refinement, R. Flores

Poster 4: Deep Learning to Identify and Predict Objects in the Environment, N. Sagers

Poster 5: Mobile Temperature & Humidity Control Chamber, B. Hertneky

Poster 6: Machine Learning Classification of Wireless Communication Signals, L. Song

Poster 7: Explosive Vapor Sensors for Cyber Physical Systems to Protect Crowds, G. Romero

Poster 8: Light Transmittance in Turbid Environments for Marine Bycatch Technology, J. Reavis

Poster 9: Kalman Filter Driven Video Subsampling for Energy Efficient Computer Vision, J. Martin

Poster 10: Light Transmission in Turbid Water for Marine Bycatch Technology, C. L.. Sang

Additional posters by graduate students on

Positive Unlabelled Machine Learning

Graph signal processing

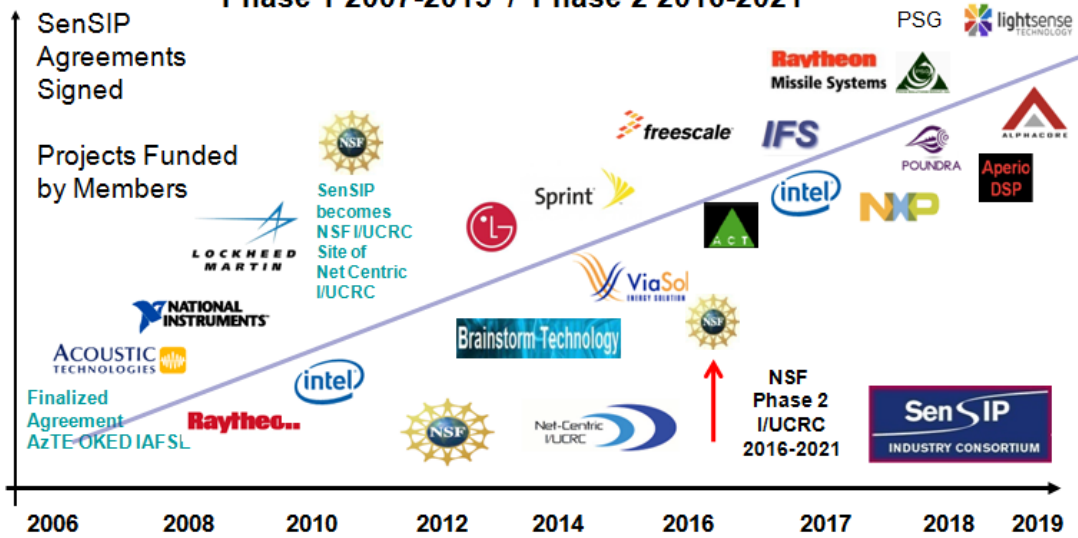
Solar panel monitoring

Image processing

Flexible sensors

Industry Consortium Membership History

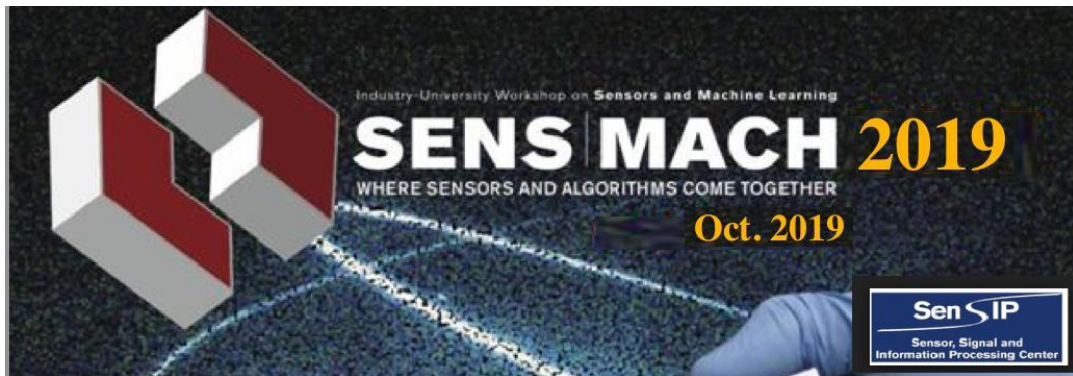
Phase 1 2007-2015 / Phase 2 2016-2021



PREVIOUS INDUSTRY MEETINGS



Upcoming SenSIP Industry Meetings – San Diego Area – Oct 2019



VENUE FOR JULY 2 SenSIP MEETING

ASU, College Ave Commons – Oasis Room

MAP



Hotels

- A.** Courtyard by Marriott Tempe 601 S Ash Ave, Tempe, AZ, US, 85281 (3 star) Phone: (800) 321-2211
- B.** The Graduate Hotel Tempe, 225 E Apache Blvd, Tempe, AZ 85281 (3.5 star) Phone: (480) 967-9431
- C.** Tempe Mission Palms 60 E 5th St, Tempe, AZ 85281 (4 star) Phone: (480) 894-1400
- D.** Moxy Hotel (formerly 1333 Hotel) - 1333 S Rural Rd, Tempe, AZ 85281 (3 star) Phone: (480) 968-3451