

Association of California Airports Fall Conference
September 11th – 13th, 2019
Beach Retreat & Lodge, South Lake Tahoe, California

TUESDAY, SEPTEMBER 10th

5:30 p.m.

Welcome Reception: Come enjoy some connection time with peers, professionals, and State aviation enthusiast as you arrive in South Lake Tahoe. This will be located in the main lobby restaurant. ACA will have some hosted munchies for all that are interested. (Dress Mountain Casual)

Thank You to Our Platinum Sponsors



WEDNESDAY, SEPTEMBER 11th

8:00 - 5:00 p.m.

Open Registration

9:00 - 9:10 a.m.

Open Remarks ACA President: Scott Malta, Castle Airport

9:10 - 10:15 a.m.

Educational Session 1: *What You Should Know About Pavement Surfaces and Below-Grade Subsurface Conditions*

This session will present the results of a recently completed Airport Cooperative Research Program (ACRP) synthesis (Synthesis 11-03) on the topic of mitigating alkali-silica reactivity (ASR) in affected pavements, including a discussion of what has been found to be effective and what has not. Fred Potthast will provide an overview of requirements for field

investigations using drilled hollow-stem auger borings, soil and pavement section sampling, and laboratory test methods, when pavement improvements are planned.

Moderator: Cory Hazlewood, C&S Companies

Presenters: Tom Van Dam, NCE
Fred Potthast, PE, GE, Earth Systems

10:15 - 11:15 a.m. **Educational Session 2: *What to Know About Your National and State Weather Services***

This session will provide a further understanding of the National Weather Service. This includes a summary of the new Caltrans weather website with an interactive demonstration.

Moderator: David Decoteau, Livermore Municipal Airport

Presenters: Dawn Johnson, National Weather Service
Dennis O'Connor, Caltrans Weather

11:15 a.m. **Raffle Item #1**

11:15 - 1:00 p.m. **Lunch on your own (Enjoy many places in downtown South Lake Tahoe)**

11:30 – 12:45 **FAA/Consultant Roundtable at the Boat House Restaurant**

1:00 – 2:10 p.m. **Main Session #1: *Urban Air Mobility***

Urban Air Mobility (UAM) is defined as the safe and efficient system for air passenger and cargo transportation within an urban area, inclusive of small package delivery and other urban unmanned aerial systems services. These new services will bring new ways for travel around cities and urban areas, while reducing congestion. The session will discuss EVTOL development and potential implications for supporting ground infrastructure.

(EVTOL refers to Electric Vehicle Take Off and Landing, as an air taxi – the next generation of autonomous electric aircraft that are safer and quieter.)

Moderator: Rayvon Williams, Watsonville Municipal Airport

Presenter: Scott Berry, Joby Aviation

2:10 - 3:15 p.m. **Main Session #2: *FAA Grant Process and Accountability (AIP 101)***

An in-depth discussion by FAA representatives on AIP grant processes. Submittal of grants and the administration thereof including **accountability factors** that affect a Sponsor's effectiveness rating. Impacts imposed on the FAA (Regional and Program Management) for not being diligent and/or accountable and accurate. Panel to include Review Mod of Standards.

Moderator: Gary Gosliga, March JPA

Presenters: Lauri Suttmeier, FAA SFO ADO
David Cushing, FAA LA ADO

3:15 - 3:30 p.m. **Break/Networking time**

3:30 - 4:45 p.m. **Main Session #3: *Overview of Airport Cooperative Research Program (ACRP) with a Focus on General Aviation Airports***

Overview of ACRP and the research process and participation opportunities. A discussion on using ACRP's IdeaHub to suggest topics and voice support for research on issues important to you and highlights and lessons from an ACRP research report (e.g., [Guidebook for Managing Small Airports](#))

Moderator: John Pfeifer

Presenter: Adam Cohen, ACRP Ambassador
Rayvon Williams, Participant of Research Project – Testimony

5:00 - 7:00 p.m.

Harry's Reception

Harry's reception has been a staple for many years at the ACA conference. Come join us on the beach at the Beach Retreat & Lodge for some drinks, munchies, and a gorgeous sunset. All attendees will receive two drink tickets.

6:00 p.m.

Raffle Item #2

THURSDAY, SEPTEMBER 12th

8:00 - 4:30 p.m.

Open Registration

8:15 - 8:30 a.m.

Welcome and Introductions: President Scott Malta, Castle Airport

8:30 - 9:30 a.m.

Main Session #4: *Alternative Fuels for Aviation*

Jonathan Gibbs will present potential benefits and practical limitations of advances in alternative energy storage and automation. He will elaborate on the impacts of those advancements related to air travel and airports. Additionally, Mr. Gibbs will describe Savion's recent goal to fly further and faster than other companies. This is accomplished by way of an "alternative energy + automation" formula for remotely piloted personal jets.

Moderator: Gary Engel, Yolo County

Presenters: Jonathan Gibbs, Savion

9:35 – 10:15 a.m.

Main Session #5: *Mojave Air & Space Port Case Study*

Mojave Air & Space Port is a general aviation airport and spaceport and California's licensed launch site for commercial space operators. With more first flights and static rocket tests than any other facility in the country, Mojave aims to be the model for safe operation and integration of various vehicles and missions into the National Airspace System.

Moderator: Chuck McCormick, Mead & Hunt

Presenters: Karina Drees, Mojave Air & Space Port

10:15 a.m.

Raffle Item #3

10:15 – 10:30 a.m.

Break/Networking time

10:30 – 11:00 a.m. This is a time for platinum sponsors to present information about unique projects and or services that they provide to the industry.



11:00 – 12:00 p.m.

ACA General Membership Meeting

The General Membership Meeting is open to all conference attendees and members of ACA. This membership meeting will address our standard monthly agenda, including:

- Michael A. Shutt Award Presentation
- Election of Board Directors
- Bylaws Discussion
- Legislative Update
- California Aerospace & Aviation Days

12:00 – 1:15 p.m.

ACA Lunch provided—ACA-hosted lunch at the Beach Retreat & Lodge Main Area

12:30 – 1:15 p.m.

Emerging Technologies Forum (Main Conference Center)—*Open to ACA members interested in a round table discussion on this topic (hosted by Andy Swanson, Palo Alto Airport)*

1:15 - 2:00 p.m.

Main Session #6: Status of Drones around Airfields, Including Model Aircraft

A discussion on impacts of drones on and around airports, including model aircraft. UAF flights and FAA LAANC Program (and geo fencing). The UAS Integration Pilot Program (IPP) is designed to help the FAA create new regulations that will enable the safe and secure integration of UAS (drones) into national airspace systems.

Moderator: Andy Swanson, Palo Alto Airport

Presenters: Scotty Malta, Castle Airport

Chuck McCormick, Mead & Hunt

2:00 – 2:45p.m. **Keynote Speaker, Dr. Anita Sengupta:** *The Future of VTOL (Vertical Take-off and Landing)*

Dr. Anita Sengupta is a rocket scientist and aerospace engineer who, for over 20 years, has been developing technologies that have enabled the of Mars, asteroids, and deep space. She started her career working on the launch vehicles and communications satellites at Boeing Space and Communications. Next, her journey took her to the forefront of the US space program. At NASA her doctoral research focused the developing the ion engines that powered the Dawn spacecraft launched in 2006 to reach Vesta and Ceres in the main asteroid belt. She was then responsible for the supersonic parachute system integral to the landing of the Curiosity Rover on Mars in 2012. From 2012 to 2017 she managed and led the development of the Cold Atom Laboratory, a laser-cooling quantum physics facility for the International Space Station.

2:45 – 3:15 p.m. **Main Session #7:** *What You Should be Thinking When Considering Aircraft Hangar Development*

Hangar development has come back to the forefront for airports and leaseholders. This session will provide the benefits of considering private and public partnering for developing hangars and the Caltrans Loan program.

Moderator: Brendan O'Reilly, Fullerton

Presenters: Jim Altschul, President, Aviation Advisory Service, Inc.

Cory Hazlewood, C&S Companies

Tarek Tabshouri, California Division of Aeronautics

3:15 p.m. **Raffle Item #4**

3:15– 3:30 p.m. **Short Break**

3:30– 4:15 p.m. **Main Session #8:** *WESTDOG– Multiple Airports Disaster Operations Group*

The Western Airports Disaster Operation Group (WESTDOG) was established in 2007 with the mission to coordinate fast responses by airports to specific operational or logistical needs by providing available, voluntary resources to help return a disaster-impacted airport to operational status. Between 2012 and 2014, OAK was the lead or deputy lead airport for this group and this session will provide an overview of WESTDOG, its benefits to airports, and how airports can be part of it.

Moderator: David Decoteau, Livermore Airport

Presenters: Larry Mares, San Francisco International Airport

Matt Davis, Oakland International Airport

4:15 – 5:00p.m. **Main Session #9:** *Digital Transformation is Happening in ATCT*

Remote towers on airports are evolving from a theoretical way of providing ATC services in the future to real, actual projects being implemented globally—and we are seeing the demonstrated benefits these services offer airports. Through customer examples at some of the busiest airports around the world, Searidge Technologies will showcase how their open technology platform is enabling a digital ecosystem where data converges and is harnessed to provide benefits to airports and ANSPs.

Moderator: Nick Alex, C&S Companies
Presenters: Rick Koller, Searidge Technologies

5:00 p.m.

Raffle Item #5

6:00 - 8:00 p.m.

Harrah's Forest Room Buffet
Buffet Czar: Brenden O'Reilly
Required, \$10 fee



FRIDAY, SEPTEMBER 13th

8:15 - 8:30 a.m.

Welcome and Final Morning Remarks: President Scott Malta, Castle Airport

8:30 - 9:30 a.m.

Main Session #10: *FAA and State Organizations Update*

Hear from your industry leadership and any current updates with funding agencies.

Moderator: Scotty Malta, Castle Airport
Presenters: Dave Cushing, FAA LA ADO
Amy Choi, Chief of Aeronautics Caltrans

9:30 a.m.

Raffle Item #6

9:45 – 10:30 a.m.

Main Session #11: *Pilot/User Organization Updates*

Updates from our partners, the aircraft owner/operator organizations.

Moderator: Scotty Malta, Castle Airport
Presenters: Phil Derner, National Business Aviation Association
Melissa McCaffrey, Aircraft Owners & Pilots Association
Carol Ford, California Pilots Association

10:30 - 11:30 a.m.

Conference Wrap up Discussion