Drones Droids
Unmanned Systems at Work

PRESENTED BY
AUVSI Cascade Chapter

April 11-12, 2018
Co-hosted by **Big Bend Community College**
Moses Lake, WA

SYMPOSIUM AGENDA
KEYNOTE: Paul Peterson, CEO Volta Companies

Early Bird Registration Ends March 29, 2018

AUVSI CASCADE

TUESDAY, APRIL 10TH

5:00 PM - 7:00 PM — **NO-HOST NETWORKING SOCIAL** AT **MICHAEL'S ON THE LAKE**

WEDNESDAY, APRIL 11TH

7:00 AM — **EVENT REGISTRATION/CHECK-IN**

8:00 AM — **AUVSI/BIG BEND COMMUNITY COLLEGE WELCOME**

8:30 AM — **KEYNOTE ADDRESS: Electric Vehicle Technologies** | **Paul Peterson,** CEO, Volta Companies

9:15 AM — ■ **Addressing Unmanned Systems in the Washington Legislature** | **Sen. Jim Honeyford,** Washington, Aviation Caucus Lead

9:45 AM — ■ **A Perspective on Unmanned Systems** | **Rep. Tom Dent,** Washington, Aviation Caucus

10:15 AM — ■ **The Oregon Legislature's Unmanned Systems Approach** | **Rep. Rich Vial,** Oregon Legislature, UAS Working Group Lead

10:45 AM — **NETWORKING BREAK**

11:15 AM — ■ **Oregon Manufacturing Innovation Center - An Opportunity for Unmanned Systems & Robotics** | **William Gerry,** Program Manager, Global Technology, Boeing Research and Technology, The Boeing Company & **Sen. Betsy Johnson**, Oregon Legislature

11:45 AM — ■ **Washington State Center of Excellence for Unmanned & Autonomous Systems, The Purpose of CoE's** | **MaryKaye Bredeson,** Executive Director, Center of Excellence for Aerospace and Advanced Manufacturing

12:05 PM — **LUNCH**

1:00 PM — ■ **ASSURE - An Overview of the FAA's Center of Excellence for UAS** | **Steve Luxion,** Deputy Director, FAA UAS COE/ASSURE

1:30 PM — ■ **UAS - A Community Outreach Discussion Panel:** Moderators - **Dr. Pat Ford,** UMS Director, BBCC & **Lori Brown,** Executive Director, AUVSI Cascade Chapter | **Rob Hodgman,** Sr. Aviation Planner, WSDOT **Hilda Pereyo,** OR Int'l Airshow Community Outreach Director **Jason Scwartz,** Sr. Analyst, Port of Portland **Mitch Swecker,** Director, Oregon Dept of Aviation

2:30 PM — **NETWORKING BREAK**

3:00 PM — ■ **Adapting Synthetic Vision to UAS and Beyond** | **Louis Churchville,** Co-Founder, Kerr Avionics

3:20 PM — ■ **Maritime Unmanned Systems at Work** | **Benjamin Bloss,** Engineer, Kongsberg Underwater Technologies

3:45 PM — ■ **Remote Sensing and GIS in the Classroom** | **Byron Will-Noel,** UMS Operations Coordinator, BBCC

WEDNESDAY, APRIL 11TH (continued)

4:10 PM — ■ **Overview of Pro Aerial League Drone Racing and STEM Activities** | **Ken Allison,** Commissioner & **Mike Miraglio,** Executive Vice President, Pro Aerial League

4:30 PM — ■ **Leading the Future of Unmanned Systems in the Northwest** | **Tom Hagen,** President, AUVSI Cascade Chapter

5:00 PM — **ADJOURN**

5:00 PM — ■ **DRONE RACING DEMO!** | **Ken Allison,** Commissioner, & **Mike Miraglio,** Executive Vice President, Pro Aerial League

5:00 PM - 7:00 PM — **NETWORKING SOCIAL/COCKTAILS AND APPETIZERS**

THURSDAY, APRIL 12TH

8:00 AM — **EVENT REGISTRATION/CHECK-IN**

8:30 AM — **WELCOME**

8:40 AM — ■ **Group 2 - 4 UAS in Support of First Responders: A Survey of Current Operations & Trends** | **Dr. Pat Ford,** UMS Director, BBCC

9:15 AM — ■ **Post-Disaster Damage Assessment by Unmanned Aircraft Systems (UAS) Project** | **Eric Holdeman,** Director, Center for Regional Disaster Assistance, Pacific NW Economics Region

9:45 AM — ■ **Issues Facing The Use Of Drones in Emergency Response Panel:** Moderator - **Dr. Pat Ford,** UMS Director, BBCC | **Eric Holdeman,** Director, Center for Regional Disaster Assistance, Pacific NW Economics Region **Patrick Sherman,** "Lucidity," Roswell Flight Test Crew **Chief Deputy Darrik Gregg,** Emergency Management Division, Grant County Sheriff's Dept.

10:15 AM — **NETWORKING BREAK**

10:30 AM — ■ **UMS in The Classroom: Leveraging Low Cost Solutions for Student Labs** | **Gary Baker,** Mechatronics/Engineering Specialist, BBCC

11:00 AM — ■ **Practical Commercial UAS Flying, the FAA, and UAS Certification** | **Charlton Evans,** Principal, End State Solutions

11:30 AM — ■ **UAS Training: Safety Minimums/Instructor Qualifications and Responsibilities** | **Prof David Thirtyacre,** Chair, Dept of Flight, Embry-Riddle Aeronautical University

12:00 PM — **LUNCH/NETWORKING**

1:15 PM - 4:00 PM — **TOURS/DEMOS -** Sign up for 20 minutes of mentored flight time with BBCC instructors in the Enclosed UAS Flight Lab

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Thank you to our Master of Ceremonies, Patrick Sherman