

# ENABLING AUTONOMOUS FLIGHT AND OPERATIONS IN THE NATIONAL AIRSPACE SYSTEM WORKSHOP 2

LOCATION: NASA, MOFFETT FIELD, CA (CONFERENCE CENTER, BUILDING 3)

<b>AGENDA</b> <b>TUESDAY, AUGUST 6, 2019 (DAY 1)</b>		
<b>TIME</b>	<b>ITEM</b>	<b>PRESENTER</b>
7:30am – 8:30am	Registration	
8:30am – 8:40am	Welcome	Eugene Tu Center Director, NASA Ames Research Center
8:40am – 8:50am	Welcome	Jaiwon Shin Associate Administrator, ARMD, NASA
8:50am – 9:35am	Guaranteed Scaled, High-Tempo, and Safe Autonomous Operations	Alfredo Giuliano Intelligent Systems Manager, Aurora Flight Sciences
9:35am – 10:15am	Lessons Learned from Autonomous Small UAS	Sanjiv Singh CEO, Near Earth Autonomy
<i>10:15am – 10:30am</i>	<i>Break</i>	<i>All</i>
10:30am – 11:30am	Perspective on Autonomy for Commercial and Military Usage	Michael McNair Innovation Manager Francis Govers Autonomy Lead Bell
11:30am – 12:00pm	Certification Considerations for Autonomous Flight and Operations	Michael Romanowski Director, Policy & Innovation, FAA
<i>12:00pm – 1:30pm</i>	<i>Lunch</i>	<i>All</i>
12:00pm – 1:30pm Bldg. 152, Rm. 116	<b>SPECIAL BREAKOUT SESSION:</b> In-Time System-Wide Safety Assurance Concept of Operations Development	Register in advance (\$15 for lunch)
1:30pm – 2:30pm	Moving Forward Safely	Gur Kimchi Vice President, Prime Air at Amazon
2:30pm – 2:45pm	Breakout session instructions	Parimal Kopardekar Director, NARI, NASA
<i>2:45pm – 3:00pm</i>	<i>Break</i>	<i>All</i>
3:00pm – 5:00pm	<b>BREAKOUT SESSION 1:</b> Each group will identify the minimum viable product such as, but not limited to, UAM simplified vehicle operations and remotely piloted operations, and for sUAS, 1:1 and m:n operations.	
<i>5:00pm – 7:00pm</i>	<i>No Host Reception: Space Bar</i>	<i>All</i>

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<b>AGENDA</b> <b>WEDNESDAY, AUGUST 7, 2019 (DAY 2)</b>		
<b>TIME</b>	<b>ITEM</b>	<b>PRESENTER</b>
8:00am – 8:30am	<b>KEYNOTE</b>	Anil Nanduri Vice President, Intel
8:30am – 9:30am	<b>PANEL: INVESTING IN AUTONOMY</b> MODERATOR: Damineh Mycroft Boeing/HorizonX  We need to understand investor sentiment related to autonomy. For example, what feasibility products are needed for continue investments.	Srini Ananth Intel Capital Kirsten Bartok AirFinance/High Lift Capital Peter Shannon Radius Capital Steve Taub In-Q-Tel
9:30am – 10:15am	<b>PANEL: NASA PROGRAM AND PROJECT CONTENT—SEEKING COLLABORATORS</b> MODERATOR: John Cavolowsky  Director, Transformative Aeronautics Concepts Program, NASA	Vanessa Aubuchon Autonomous Systems, Transformative Tools and Technologies William Chan Air Traffic Management - eXploration Misty Davies System-Wide Safety Ken Goodrich Advanced Air Mobility
10:15am – 10:30am	<i>Break</i>	<i>All</i>
10:30am – 12:00pm	<b>BREAKOUT SESSION 2:</b> Each group will identify research gaps requiring attention in order to implement increasingly autonomous operations in progressively complex airspace and areas.	
12:00pm – 1:00pm	<i>Lunch</i>	<i>All</i>
1:00pm – 3:00pm	<b>BREAKOUT SESSION 3:</b> Each group will identify a strategy that will lead to collective demonstrations and operational implementation of increasingly autonomous systems in the national airspace system.	
3:00pm – 3:15pm	<i>Break</i>	<i>All</i>
3:15pm – 4:00pm	<b>BREAKOUT SESSIONS 1-3 REPORT:</b> Small Unmanned Aircraft Systems	Vanessa Aubuchon NASA
4:00pm – 4:45pm	<b>BREAKOUT SESSIONS 1-3 REPORT:</b> Medium-size Urban Air Mobility	Christopher Teubert NASA
4:45pm – 5:00pm	Wrap-up and Next Steps	Parimal Kopardekar