



GUIDE TO EXPERTS

Honeywell Advanced Air Mobility

Honeywell

GUIDE TO EXPERTS

Welcome to Honeywell's guide to Advanced Air Mobility (AAM) experts.

We are one of the world's biggest aerospace companies, producing avionics, propulsion systems and mechanical systems for commercial, defense and space customers around the world. Our products fly on hundreds of aircraft types.

In recent years we have become the supplier of choice for the advanced air mobility industry. Our experts work together with aircraft designers and regulators around the world, giving them unrivaled, first-hand knowledge of the challenges and technologies involved.

We are eager to help shape the AAM industry and look forward to sharing our expertise with your audience.

To schedule one of our speakers for an event or media interview, please contact:

Keelan Kunda
External-HoneywellSpeakOpps@WE-Worldwide.com

TAYLOR ALBERSTADT

Senior Director

Global Sales and Marketing,
Advanced Air Mobility



SPEAKING TOPICS

- AAM Landscape and Evolution
- Electric and hybrid-electric propulsion systems (motors, controllers and turbogenerators)
- Power generation methods
- Next-generation propulsion architectures

BIOGRAPHY

- Taylor is the Global Sales and Marketing Leader for Honeywell's Commercial UAS/UAM business, based in Phoenix, Arizona. He leads a team helping to create this new market and provide Honeywell's portfolio of best-in-class offerings to enable the future of flight.
- In his prior role, he was the Business Development Lead for Electric and Hybrid Electric Propulsion and worked with both start-ups and established OEMs of fixed-wing and vertical takeoff and landing aircraft, helping to craft various propulsion architectures to meet customer requirements and vehicle mission profiles.
- He drove negotiations and now leads an industry-changing Electric Propulsion partnership with DENSO to create state-of-the-art EPUs to support the aerospace industry's drive to more electric, hybrid-electric, and all-electric solutions.



CHRIS BIGWOOD
Technical Sales Manager
Advanced Air Mobility (AAM)

SPEAKING TOPICS

- Satellite communications for drones
- Beyond Visual Line of Sight (BVLOS) technologies
- Navigation sensors
- Intelligence, surveillance, and reconnaissance (ISR) applications

BIOGRAPHY

- Chris is an expert on tomorrow's next-generation aerospace connectivity solutions and optimized BVLOS solutions for defense, security, and civil applications.
- He has spent over 35 years in aviation operations and engineering roles. His knowledge of airborne satcom technology and operations position him perfectly within the AAM industry. As a seasoned international conference speaker, Chris' deep knowledge of aviation operations makes for interesting perspective as the industry moves into the Aviation 2.0 era of AAM and electric flight.
- Chris studied aeronautical engineering at the West London College and aerospace management at Oxford Brookes University. He is based in the United Kingdom.

BINDU CHAVA

Former Director

Product Management,
Advanced Air Mobility (AAM)



SPEAKING TOPICS

- Fly-by-wire computers and flight control
- Aircraft development programs
- Flight control certification
- Aerospace supply chain

BIOGRAPHY

- Bindu is a leader in flight controls for uncrewed and electric, vertical-takeoff-and-landing (eVTOL) aircraft. Bindu oversaw the development of the Honeywell Compact Fly-by-Wire System, a miniaturized flight control computer that is at the heart of the Pipistrel Nuuva cargo drone, as well as passenger aircraft being designed by Vertical Aerospace, Lilium, Eviation and other companies.
- Chava previously managed other Honeywell Aerospace products, including flight management systems and aviation services.
- She has a master's degree in business administration from Arizona State University, a master's degree in communications from India's MICA, and a bachelor's degree in computer software engineering from Karnatak University.



JOLANA DVORSKA
Avionics Architect
Advanced Air Mobility (AAM)

SPEAKING TOPICS

- Navigation
- Autonomy
- European research programs
- Single European Sky ATM Research (SESAR)

BIOGRAPHY

- Jolana is responsible for the overall technical leadership of the European Union's Single European Sky ATM Research (SESAR) program, working on the vision and design of future aviation technologies for green, flexible and safe mobility.
- She is involved in the overall concept development as well as specific navigational aspects, with a focus on solutions that will enable vehicles to be increasingly autonomous in the future.
- Jolana received her master's degree in cybernetics, control, and measurement from the faculty of electrical engineering and communication at the Brno University of Technology in the Czech Republic.

MONTA FOWLKES
Senior Business Director
Advanced Air Mobility (AAM)



SPEAKING TOPICS

- UAVs
- Military drones
- Combat aircraft
- Military transport aircraft
- Propulsion systems

BIOGRAPHY

- Monta leads Honeywell's military uncrewed aerial vehicle (UAV) business, supplying engines and other systems for the MQ-9, the world's most successful military UAV, as well as other aircraft.
- Monta has deep experience with military aircraft and previously was responsible for Honeywell's F-15, B-1 and B-2 businesses. He also led programs using the F124 engine, the same powerplant used by the X-45A unmanned combat vehicle demonstrator.
- As an engineer he helped improve the T55, a powerplant used in the K-MAX UAV, the ARES UAV and other uncrewed aircraft designs. He was the technical lead for the HGT1700 auxiliary power unit, which has been incorporated into Honeywell's 1-Megawatt turbogenerator for hybrid-electric aircraft.
- Monta holds a bachelor's degree in mechanical engineering from the University of Arizona.



STEPHANE FYMAT
Vice President and General Manager
Advanced Air Mobility (AAM)

SPEAKING TOPICS

- AAM Industry Evolution
- Honeywell's AAM Strategy
- Avionics
- Propulsion

BIOGRAPHY

- Stephane leads Honeywell's advanced air mobility business unit, which serves customers in the electric, vertical-takeoff-and-landing (eVTOL) aircraft and uncrewed aircraft industries.
- Stephane previously led marketing and product management team at BendixKing, Honeywell's avionics brand for general aviation aircraft. In that role he oversaw the development of new products, new technology partnerships and the acquisition of TruTrak Flight Systems.
- Before joining Honeywell, Stephane held leadership roles in software companies, including Infrascala and Passlogix, and founded Smartplane, an aerospace software company.
- Fymat also serves on the board of directors of the Perlan Project, which designs high-altitude gliders.
- Stephane holds a master's degree in business administration from Columbia University and a bachelor's degree in aerospace and mechanical engineering from the University of California, Los Angeles.

MARK HEDDEN
Senior Solutions Architect
Advanced Air Mobility (AAM)



SPEAKING TOPICS

- Connectivity
- Satellite communications
- Mission networks
- Command and control systems

BIOGRAPHY

- Mark provides technical expertise for connected offerings across various product lines, including satellite communication systems, data links, electronic warfare, missile systems and aircraft systems. He also provides technical expertise for smart facilities, command and control, mission networking, aircraft maintenance, and guidance for advance technologies.
- Mark retired from the U.S. Air Force in 2017 after a 20+ year career serving in multiple operational roles around the world. He has more than 2,500 flight hours on four different aircraft.



PAUL PAGE
Technical Sales Director
Advanced Air Mobility (AAM)

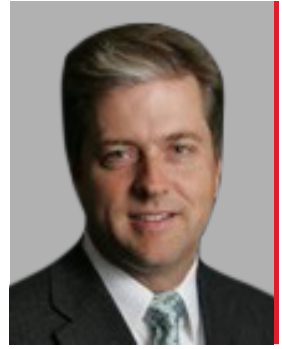
SPEAKING TOPICS

- Navigation in GPS-denied environments
- Beyond Visual Line of Sight (BVLOS) operations
- Connectivity

BIOGRAPHY

- Paul is a technical expert in Honeywell's military BVLOS connectivity solutions for Europe, the Middle East and Asia. He has more than 20 years of experience working with aerospace designers and operators in account management, customer support, engineering, and sales roles.
- Paul has a Master of Business Administration degree in aviation management and a master's degree in mechanical engineering.

PHIL ROBINSON
Systems Architect
Advanced Air Mobility (AAM)

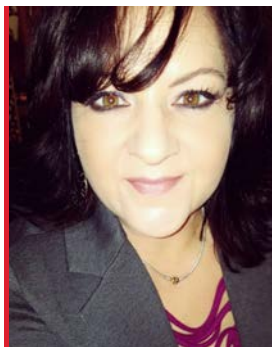


SPEAKING TOPICS

- Drone power systems
- Hydrogen fuel cells
- Regulatory standards

BIOGRAPHY

- Phil leads Honeywell's hydrogen fuel cell product line and is an expert on onboard power systems for drones.
- Robinson was general manager of Ballard Unmanned Systems until its acquisition by Honeywell in October 2020. Before that, he led the uncrewed aircraft product lines at Protonex Technology Corporation.
- He is also a former vice president of engineering for Amperion Inc., where he developed and shipped industry-leading, broadband-over-powerline equipment.



KARLENE SALAIZ
Senior Program Manager
Advanced Air Mobility (AAM)

SPEAKING TOPICS

- Aircraft development programs
- Agile methodology
- Aircraft construction and certification

BIOGRAPHY

- Karlene is a senior program manager for AAM projects and works together with aircraft manufacturers to build and certify their designs. She is an expert on incorporating Agile and other methodologies into aviation development.
- Salaiz has 20 years of experience managing programs at Honeywell Aerospace and has led research and development teams with portfolios of over \$33 million within business, general and regional jet aviation. Her products have included communications, safety systems and display technologies.

ARIF SALAM
Chief Engineer
Advanced Air Mobility (AAM)



SPEAKING TOPICS

- Electric motors and controllers
- Electromechanical actuators
- Power systems
- Electric propulsion systems

BIOGRAPHY

- Arif leads Honeywell Aerospace's electric power systems development for advanced air mobility.
- Arif has wide-ranging expertise in electric power systems, including electromechanical actuation controls, electric drive systems (motor controllers for pumps, fans and compressors), electric traction drive systems, electric propulsion systems, and project management of electric power generation systems.
- Prior to joining Honeywell, Arif developed industrial drives and high-precision micro-machining products.
- Arif holds bachelor's and master's degrees in electrical engineering from Oregon State University, as well as a master of engineering degree in systems engineering from Portland State University.



SAPAN SHAH

Senior Product Manager

Advanced Air Mobility (AAM)

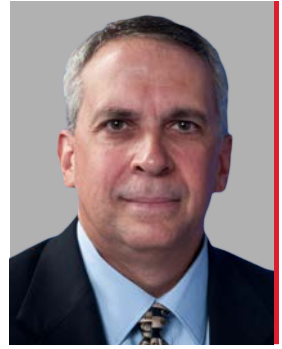
SPEAKING TOPICS

- Simplified Vehicle Operations
- Autonomous Flight
- Avionics for AAM
- Propulsion for AAM
- Software Development
- Cockpit Systems
- Satellite Communications
- Agile Methodology

BIOGRAPHY

- Sapan oversees product development of detect-and-avoid systems, Simplified Vehicle Operations cockpits, and autonomy for AAM. The AAM business develops new products and serves as a systems integrator for both airframe makers and operators in these fast-evolving markets.
- Prior to his current role, Sapan managed satellite communications products for general aviation and predictive maintenance services for air transport.
- Sapan holds a bachelor's degree in aerospace engineering from the Georgia Institute of Technology.

LARRY SURACE
Lead Systems Architect
Advanced Air Mobility (AAM)



SPEAKING TOPICS

- Detect-and-avoid systems
- Radars
- Sensors
- Autonomous flight
- Cybersecurity

BIOGRAPHY

- Larry directs system architecture for AAM detect-and-avoid technologies and weather radars, along with other avionics and software. Surace previously directed product development of Synthetic Vision and Enhanced Ground Proximity Warning Systems (EGPWS).
- Prior to joining Honeywell, he worked in a variety of engineering, engineering management, director and general management roles in the defense and space, medical and telecommunications industries.
- Larry holds a bachelor's degree in electrical engineering from the State University of New York Polytechnic Institute and a master's degree in business administration from the University of Rochester's William E. Simon Graduate School of Business. Larry is also a licensed pilot.



JIA XU
CTO
Senior Director Engineering
Advanced Air Mobility (AAM)

SPEAKING TOPICS

- AAM business landscape
- Autonomy
- Artificial intelligence
- Military and cargo applications

BIOGRAPHY

- Jia leads strategy for Honeywell's AAM business and is an expert in the evolving AAM industry, its regulatory issues and its technical challenges.
- Before joining Honeywell, Jia worked as the chief architect for advanced air mobility systems at Airbus, where he led the development of operational architectures and business cases. He also held research and leadership positions at the RAND Corporation, where he led advanced technology programs in artificial intelligence and machine learning, uncrewed aircraft and autonomy. On the vehicle side, Jia has led UAS design and engineering analysis efforts at General Atomics.
- Jia received his Ph.D. in aeronautics and astronautics from Stanford University. He also holds master's degrees in computational methods from Imperial College London and international relations from the London School of Economics. Both were completed under the tenure of a Marshall Scholarship.

KATY VANCE
Development Program Director
Advanced Air Mobility (AAM)



SPEAKING TOPICS

- Aircraft development programs
- Supplier-OEM collaboration
- Agile methodology
- Aerospace supply chain
- Contracting

BIOGRAPHY

- Katy leads program management for the AAM business at Honeywell Aerospace, helping customers with aircraft development and certification in this emerging market.
- She previously led the BendixKing Program Management organization located in Albuquerque, New Mexico. Her role involved managing all research and development budgets, as well as ensuring the successful launch of new avionics for general aviation aircraft.
- Katy has held various roles in program management and customer business management, including leading the F16 and F22 business. She also has extensive experience in aerospace law and contracts, overseeing complex agreements for defense, space and commercial aircraft.

For more information

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FUTURE
IS
WHAT
WE
MAKE IT**

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