4th International Conference
Advanced Air Mobility Systems
ICAAMS-4

Jointly Organised by VFS Chapters/Representatives



Banquet and Awards and Workshop
Sponsored by

GE Aerospace

ICAAMS-4
Program Schedule

24-26 November 2026

American University in Dubai
Dubai, UAE

Supported by VFS Education Members

Tuesday - 24 November 2026

Time	Activity	Presenter/Authors
0730 - 0800	**All Keynote and Paper Presenters Briefing**	**Nicolas Hernandez Saenz Valiente** **Presentations Coordinator**
0800 - 0815	**Briefing** – ICAAMS-4	**Auraluck Pichitkul** Deputy Chair, ICAAMS Series
0815 - 0830	**Welcome Address** – Host VFS Chapter	**David Holmes** President UAE Chapter, Vice Chair ICAAMS-4
0830 - 0845	**Welcome Address** – Venue Host	**Kyle Long** President, American University in Dubai
0845 - 0900	**Program Address –** ICAAMS-4	**Bharath Govindarajan** Program Chair, ICAAMS Series
0900 - 0915	**Introductory Address –** ICAAMS Series	**Arvind Sinha** Convenor-in-Chief, ICAAMS Series
0915 - 0930	**Opening Address** – ICAAMS-4	**Vijaya Kumar Mudubagilu** Chair, ICAAMS Series
0930 - 1000	**Keynote 1: AAM Design and Development Updates** *Chair: Wael Bazzi, UAE*	**Mayank Lonkar and Bharath Govindarajan** Indian Institute of Technology Madras
1000 - 1030	**Tea/Coffee/Drinks/Networking**	
Session 1 – Design and Aerodynamics *Chair and Coordinator:* ***Australia***		
1030 - 1100	Development and Testing of Quadrotor Biplane Tailsitter with Variable Pitch Propellers	Mayank Lonkar, Bharath Govindarajan
1100 - 1130	Bladeless Ducted Propulsion System for Small-scale VTOL Applications	Sorabh Bordia, J.V.R. Prasad
1130 - 1200	On the Development of the Turbulent Energy Cascade in the Near Wake of a Rotor	Eman Saddoun, Immanuvel Paul, Ching Man Yu
1200 - 1300	**Lunch & Networking**	
1300 - 1330	**Keynote 2: AAM Research & Innovation Updates** *Chair: Wael Bazzi, UAE*	**Rafic Ajaj** Khalifa University
Session 2 – Certifications and Regulations *Chair and Coordinator:* ***UAE***		
1330 - 1400	Creating New Certification Standards for Unmanned Aerial Vehicles (UAVs) Flight Simulation Training Devices	Thiveshraj Segaran
1400 - 1430	Hydrogen (H2) Certification - Legality and Authentication of Safety	George Brian
1430 - 1500	**Tea/Coffee/Drinks/Networking**	

Time	Activity	Presenter/Authors
Session 3 – Operations and Safety *Chair and Coordinator:* ***Thailand***		
1500 - 1530	Beyond the Metro-First Consensus: An Operational Case for Prioritising India's High-Altitude Pilgrim Corridors in Regional Air Mobility	Suneet Sohal
1530 - 1600	From Kerosene Certainty to Energy Uncertainty: Rethinking Aviation Safety in the Age of Alternative Fuels	Lt Col Sukhwant Singh (Retd.)
1600 - 1630	Operational and Supply-Chain Readiness for Advanced Air Mobility in the UAE: A Five-Pillar Framework and Interdependency Assessment	Subhash Ravindran
1630 - 1700	**Vote of Thanks –** Day 1	**Bharath Govindarajan** Program Chair, ICAAMS Series
1700 - 1730	**Closing Remarks –** Day 1	**Auraluck Pichitkul** Deputy Chair, ICAAMS Series
1930 - 2200	**ICAAMS-4 Awards, Drinks & Dinner** **Sponsored by GE Aerospace** **Dinner Keynote: Salim Mousallam (GE Aerospace)**	
	ICAAMS Handing Taking Over – UAE to Australia	

Tuesday - 24 November 2026

Wednesday – 25 November 2026

Time	Activity	Presenter/Authors
0845 - 0900	Day 2- Conference Introductory Briefing	**Auraluck Pichitkul** Deputy Chair, ICAAMS Series
0900 - 0930	**Keynote 3: AAM Safety Regulation Updates** *Chair: Wael Bazzi, UAE*	**Matar Mohammed Saeed Alkhateri** General Civil Aviation Authority, UAE
Session 4 – Performance and Control *Chair and Coordinator:* ***India***		
0930 - 1000	Propeller-Assisted Deep-Stall Landing of a Small Fixed-Wing UAV	Priyam Gupta, Jaivin Bharania, Lachlan Truong, Pietro Zanetti Ferreira, Santosh Tantravahi, Aditya Paranjape, Hoam Chung, Julio Soria
1000 - 1030	Forward-Flight Control Allocation for a Coaxial Octorotor eVTOL Built from CFD Rotor Maps	Chunhua Sheng, Qiuying Zhao, Sunil Basnet
1030 - 1100	Aerodynamic Characterization and Flight Control of Deployable Grid-Fin Attitude Systems for Rotary-Wing UAVs in Subsonic Flight	Shivam Mathur
1100 - 1130	**Tea/Coffee/Drinks/Networking**	
Session 5 – Testing and Data Analysis *Chair and Coordinator:* ***Singapore***		
1130 - 1200	Digital Flight-Test Validation Framework for Rapid Air Data Sensor Technology Transition Across Multi-Rotorcraft Platforms	Dinesh Vagicharla, Karuna Tomar
1200 - 1230	Development of Standardized Static Testing Framework for Agricultural Multi-Rotor UAV Structure	Ananya Naicharoen, Atthaphon Ariyarit, Suradet Tantrairatn, Titipat Pongkittivanit, Nattawut Sanklong, Auraluck Pichitku
1230 - 1300	A Field-Testing Methodology for Speed Performance Evaluation of Agricultural Unmanned Aerial Vehicles Using Post-Processed Kinematic (PPK) Positioning	Jitlada Aumpirom, Auraluck Pichitkul, Suradet Tantrairatn, Atthaphon Ariyarit
1300-1400	**Lunch and Networking**	
1400 - 1430	**Keynote 4 – AAM Airspace Management Updates** *Chair: Wael Bazzi, UAE*	**Khaled Abdul Rahman Al Awadhi** Road & Transport Authority, UAE
1430 - 1500	**Closing Address** – ICAAMS-4	**Vijaya Kumar Mudubagilu** Chair, ICAAMS Series

Thursday – 26 November 2026

Workshop

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TBA

Enhancing Future VTOL (AAM) usage in the UAE

Chair: David Holmes, Vice Chair ICAAMS-4

Panel: Mike Hirschberg (USA), Somen Chowdhury and UAE Keynote Presenters

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The Workshop aims to provide a platform to all stakeholders from the field of research & development to manufacturers, regulators, operators, and other leaders in the industry to discuss the present status of limited use of the helicopters in the West/Central/Southeast Asia and Australia Region and its associated issues and challenges.

As future Advanced Air Mobility (AAM) aircraft are likely to share the airspace with helicopters and are likely to be operated under similar regulations, the present problems facing the helicopter industry are likely to be carried forward to future AAM operations. The Workshop will discuss how we can ensure the smooth induction and operationalization of the new platforms while ensuring that the regulatory and operational hurdles are overcome to allow AAM to fulfill its promise as a gamechanger for society.

The Workshop will also highlight the global status of the efforts by various stakeholders in AAM. This includes the design and development, standards & certification, airspace management and operationalization of the AAM platforms. The Workshop will discuss the challenges which the industry is likely to face as we embrace new concepts and technology.

The outcome of the Workshop will help generate ideas to develop a generic "AAM Roadmap" for the West/Central/Southeast Asia and Australia region, in the immediate future by the relevant authorities to enhance the usage of not only its present helicopter fleet, but also the expected introduction of AAM platforms, by customization of the roadmap.

Friday – 27 November 2026

Tour – Desert Safari

Coordinator: VFS UAE Chapter



This tour



takes you across the magnificent desert of Dubai. During an exciting dune drive, your first destination will be a beautiful sunset view. After enjoying the landscape at dusk, you will continue dune bashing to reach a traditional campsite. There, you can ride a camel, try your hand at sandboarding, or get a henna design on your hands and feet.



Having worked up an appetite, you will then proceed to a delicious barbecue dinner and shisha (the famous Arabic water pipe). Finally, you will witness a spectacular fire show and Tanoura performance around the campfire under the starlight.



