4th International Conference Advanced Air Mobility Systems

ICAAMS-4

Jointly Organised by VFS Chapters/Representatives

Vertical Flight Society Australia Chapter

Vertical Flight Society UAE Chapter

Vertical Flight Society Thailand Chapter

Vertical Flight Society India Chapter

Vertical Flight Society Singapore

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 - 0745	**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*	
1000 - 1030	**Tea/Coffee/Drinks/Networking**	
Session 1 – Testing and Data Analysis **Chair and Coordinator: Australia**		
1030 - 1100	Digital Flight-Test Validation Framework for Rapid Air Data Sensor Technology Transition Across Multi-Rotorcraft Platforms	Dinesh Vagicharla, Karuna Tomar
1100 - 1130	Development of Standardized Static Testing Framework for Agricultural Multi-Rotor UAV Structure	Ananya Naicharoen, Atthaphon Ariyarit, Suradet Tantrairatn, Titipat Pongkittivanit, Nattawut Sanklong, Auraluck Pichitku
1130 - 1200	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
1200 - 1300	**Lunch & Networking**	
1300 - 1330	**Keynote 2: AAM Research & Innovation Updates** *Chair: Wael Bazzi, UAE*	**Rafic Ajaj** Khalifa University
Session 2 – Design **Chair and Coordinator: Thailand**		
1330 - 1400	Development and Testing of Quadrotor Biplane Tailsitter with Variable Pitch Propellers	Mayank Lonkar, Bharath Govindarajan
1400 - 1430	Bladeless Ducted Propulsion System for Small-scale VTOL Applications	Sorabh Bordia, J.V.R. Prasad
1430 - 1500	**Tea/Coffee/Drinks/Networking**	

Tuesday - 24 November 2026

Time	Activity	Presenter/Authors
	Session 3 – Aerodynamics, Performance and Control *Chair and Coordinator:* ***India***	
1500 - 1530	On the Development of the Turbulent Energy Cascade in the Near Wake of a Rotor	Eman Saddoun, Immanuvel Paul, Ching Man Yu
1530 - 1600	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
1600 - 1630	Forward-Flight Stability Margin Analysis of a Coaxial Rotor eVTOL with CFD-Derived Aerodynamic Disturbance Injection	Chunhua Sheng, Qiuying Zhao, Sunil Basnet
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	

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 – Operation and Safety *Chair and Coordinator:* ***Singapore***		
0930 - 1000	Operational and Supply-Chain Readiness for Advanced Air Mobility in the UAE	Subhash Ravindran
1000 - 1030	Beyond the Metro-First Consensus: An Operational Case for Prioritising India's High-Altitude Pilgrim Corridors in Regional Air Mobility	Suneet Sohal
1030 - 1100	Flight Safety to Mission Safety: Operational Safety Implications of Alternative Fuels and Autonomous Air Mobility Systems	Lt Col Sukhwant Singh (Retd.)
1100 - 1130	**Tea/Coffee/Drinks/Networking**	
Session 5 – Certifications and Regulations *Chair and Coordinator:* ***UAE***		
1130 - 1200	Creation Of Certification Standards for Unmanned Aerial Vehicles (UAVs) Flight Simulators	Thiveshraj Segaran
1200 - 1230	Hydrogen (H2) Certification - Legality and Authentication of Safety	George Brian
1230-1330	**Lunch and Networking**	
1330 - 1400	**Keynote 4 – AAM Airspace Management Updates** *Chair: Wael Bazzi, UAE*	**Mr. Khaled Abdul Rahman Al Awadhi** Road & Transport Authority, UAE
1400 - 1430	**Closing Address** – ICAAMS-4	**Vijaya Kumar Mudubagilu** Chair, ICAAMS Series

Thursday – 26 November 2026

Workshop

Sponsored by

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

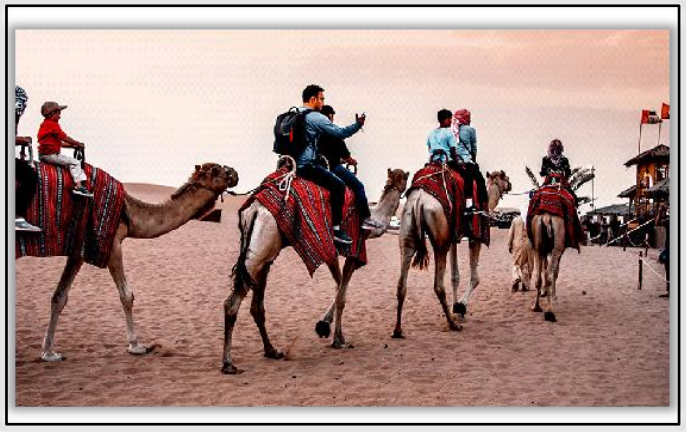
Tour – Desert Safari

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.



