



DUBAI AIRSHOW

Space

Space Division at Dubai Airshow 2023

13 - 17 NOVEMBER 2023

STRATEGY

- ▶ Establish Space as a core component of Dubai Airshow
- ▶ Making Dubai Airshow a knowledge-sharing platform
- ▶ Content and Strategy to attract the space sector and delegation
- ▶ Promote UAESA's grant fund for Startups and SMEs

SPACE
PAVILION

STARTUPS

DELEGATIONS

CONFERENCE

STATIC
DISPLAY

NEXT GEN
LEADERS

SPACE PAVILION

INDOOR EXHIBITION



Saudi Arabia



India



Japan



Germany



France



Italy

PARTNERS

AIRBUS

 BOEING

THALES

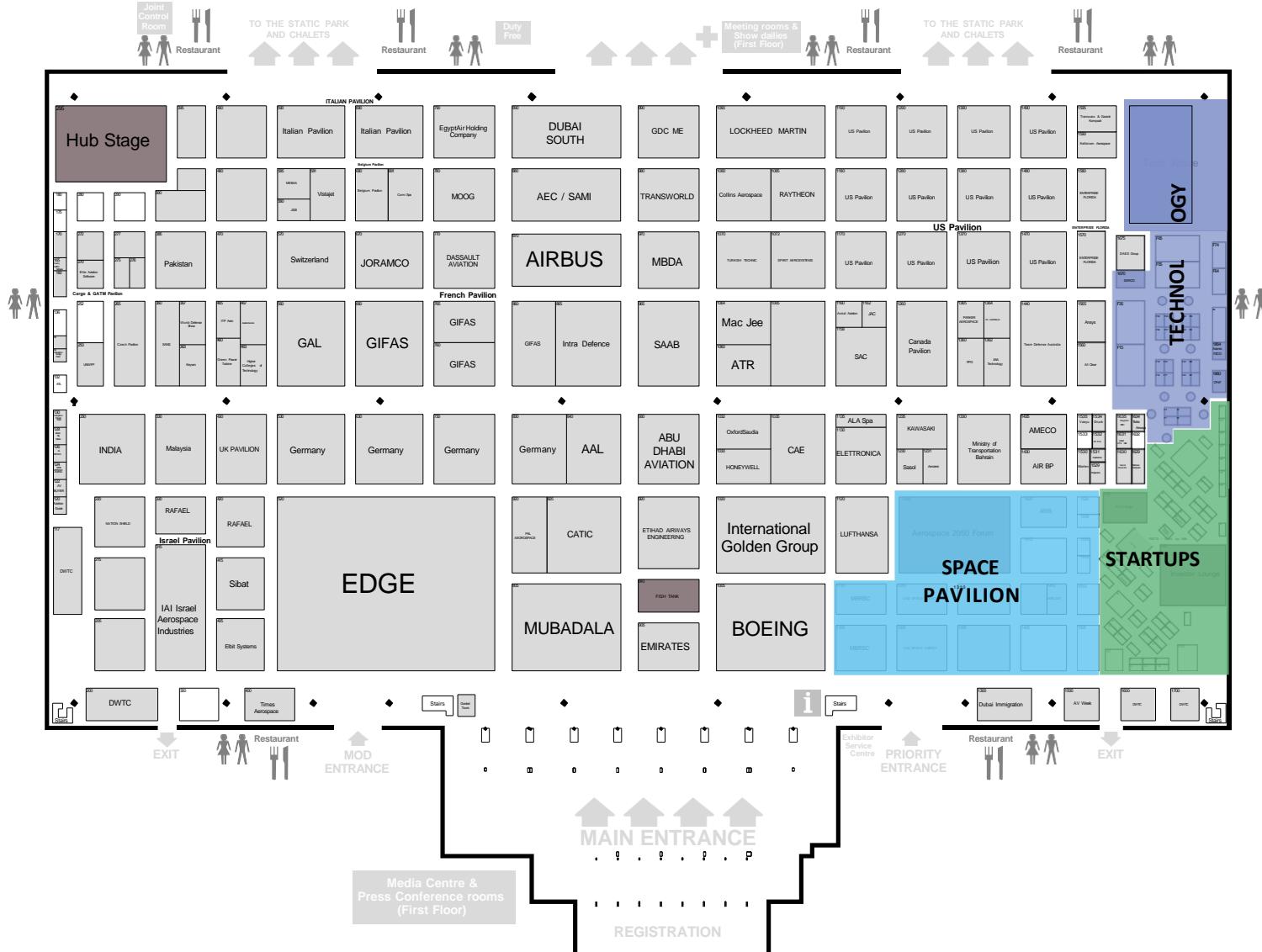
 RAFAEL
ADVANCED DEFENSE SYSTEMS LTD.

Honeywell

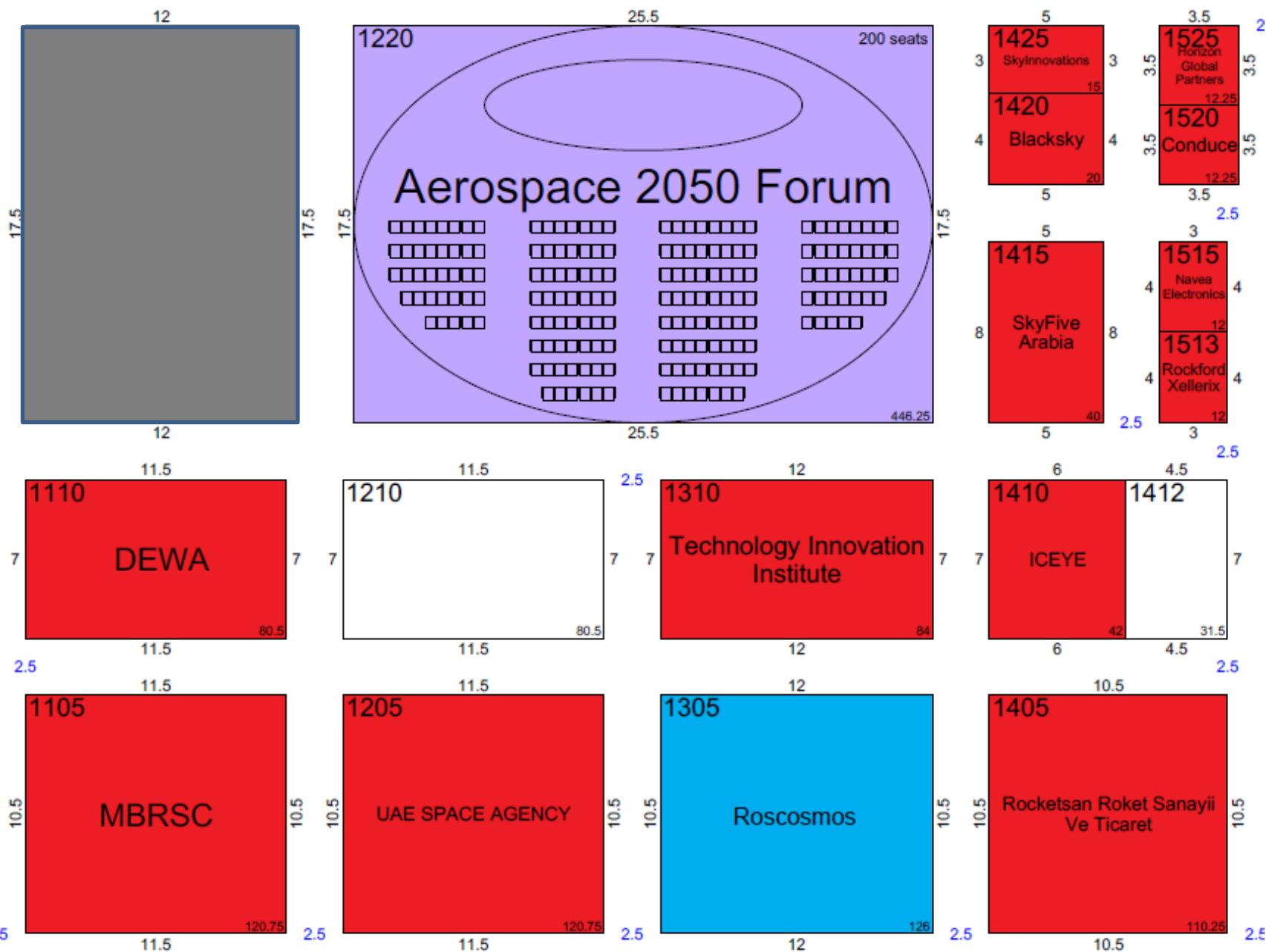
 Raytheon
Technologies



HALL PLAN



Space Pavilion



UAE Space Agency Programs



UAESA Booth



Planet X



Space Economic Zone



UAESA Chalet

Youth Engagement Activities



Mission to Explore the Asteroid Belt

For School

Start Date : September 2023
Competition: 15 November 2023

For Startups

Start Date : May 2023
Competition: 15 November 2023

Static Display



AIRBUS

Honeywell



FEATURES



SPACE ORDER BOOK

Platform for bilateral agreements and MoU signings



STARTUP PROGRAMME

VISTA, Mentorship clinics, workshops, competitions, investor networking



SPACE DELEGATIONS

Ministries, Heads of Space Agencies and Commands



NEXT GEN

Youth engagement activities: Space Hackathon, meet & greet astronauts

DUBAI AIRSHOW INDUSTRIAL DEVELOPMENT INITIATIVES



COP 28

Collaboration with COP 28
to drive sustainability
programmes



MolAT

Promoting the Make It In The
Emirates initiative and driving
partnerships creating In
Country Value

SPACE CONTENT

SPACE
SUSTAINABILITY

SPACE CAPITAL FORMATION &
INFRASTRUCTURE DEVELOPMENT

COMMUNICATION &
CONNECTIVITY

SPACE & CLIMATE
CHANGE

SPACE & SECURITY

SPACE
TOURISM

ASTRONAUTS, SPEAKERS AND INFLUENCERS



Anne McClain, NASA
Highest rated female
astronaut in Space



Will Marshall, CEO, Planet
Leading the 2.8 billion SSPAC
deal



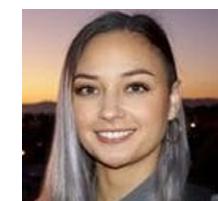
Soichi Noguchi, JAXA
First spaceflight was NASA's return to
flight Space Shuttle mission



Natalya Bailey, CTO, Accion Systems Led
the company to its first space flights and
\$40M in venture capital



Robert Richard, CEO, Moon Inc
Developing robotic spacecraft to provide
low cost access to the Moon



Jessie Anderson, Engineer,
SpaceX Driving innovations as
part of the engineering team

SPACE CONFERENCE

Advances in technology, launch costs reductions, increase in private investments and the possibility of space tourism are positively impacting the space industry. This industry is no longer the domain of governments, aerospace or defense companies. The growing interest of other businesses and industries in innovative space applications has led to a creation of a new space economy making it a key component for the future growth of a country.

This year, in-partnership with the UAE space Agency, Dubai Airshow 2023 will host a dedicated 2-day conference programme, expanded space industry presence across the exhibition hall, a New Space start-up competitions and investor engagement, youth engagement and exciting space technology on static display.



The Space Foundation expects the space economy will grow beyond \$634 billion by 2026.

(Source: <https://www.forbes.com/sites/carlieporterfield/2022/07/27/space-industry-grew-to-record- 469-billion-last-year-report-finds/?sh=47dd455417f1>)

TOP SPEAKERS FROM PREVIOUS EDITIONS



H.E SALEM AL QUBAISI
Director General,
UAE Space Agency



SULAIMAN AL ALI
Chief Executive Officer, Thuraya



SIMONETTA DI PIPPO
Former Director,
United Nations Office for Outer Space Affairs



CHARLIE DUKE
Apollo 16
Astronaut



MOHAMMED AL HARMI
Director of Space Operations, MBRSC



JEAN - YVES LE GALL
President, Centre National d'Etudes Spatiales



DAVID MICHA
President,
Intelsat General Communications



CLAUDIE HAIGNERÉ
Former Astronaut,
Centre National d'Etudes Spatiales and European Space Agency



LEANNE CARET
Chief Executive Officer, Defence, Space & Security, Boeing

SPACE CONFERENCE THEMES:

- ▶ Space Sustainability
- ▶ Space and Climate Change
- ▶ Space capital formation and infrastructure development
- ▶ Space & Security
- ▶ Communications and connectivity
- ▶ Space Tourism

WHO WILL ATTEND?

- ▶ Space Agencies
- ▶ Space Commands
- ▶ Ministries
- ▶ Civil Aviation Authorities
- ▶ Space Exploration Companies
- ▶ Launchers
- ▶ Satellite solution providers
- ▶ Space Tech solution providers
- ▶ Space infrastructure Telco
- ▶ Academia
- ▶ Investors
- ▶ Start-ups

AEROSPACE 2050

AGENDA

SPACE CONFERENCE DRAFT AGENDA
15 - 16 NOVEMBER
DWC, DUBAI AIRSHOW SITE

WWW.DUBAIAIRSHOW.AERO
#DUBAIAIRSHOW



In association
with:



UNITED ARAB EMIRATES
MINISTRY OF DEFENCE

مطارات دبي
DUBAI AIRPORTS

هيئة دبي للطيران المدني
Dubai Civil Aviation Authority



دبي
للمشروعات
الهندسية

DUBAI
AVIATION
ENGINEERING
PROJECTS

AEROSPACE 2050

9:55 Registration and Networking

SESSIONS BEGIN

10:00 Speaker meet and greet networking

Get answers to all those burning questions. Join us for an interactive session with our speakers of the day to discuss all things space.

10:55 Opening remarks by Chairperson

11:00 Opening keynote address: Limitless potential of the space sector

11:20 Panel: Fostering innovation and emerging space programs

Highlighting new projects and programs that international agencies are promoting in partnership with private companies and government agencies. Assessing the impact of current collaboration programs and the lessons learned for future initiatives. Discussing collaboration opportunities in the GCC

11:55 Panel: Security in space: Protecting your critical infrastructure

Sustaining safe and secure space operations. What is the impact of increased space access to ensuring security of national space assets? What is the role of space commands? What innovative space defense technologies are in place and what does the future of space security look like?

12.30 Panel: Establishing resilient connectivity

Ensuring access to safe, cost effective and efficient satellite communication. Developing and implementing innovative satellite communication technologies that can help meet increase in demand and complexity

SPACE CONFERENCE

DAY 1, WEDNESDAY, 15TH NOVEMBER

13:05 Panel: Investing in space to support the country's growth plans

Understanding the economic impact of space and creating a space infrastructure on earth to support the country's vision and growth plans. Discussing the impact of increasing private investments in space economy. Debating the best way forward for securing the economic sustainability of space whilst ensuring a safe and risk-free outer space environment

13.40 Space as a service

The space economy is now valued at 400 billion dollars showcasing a growth of more than 60% in the last decade. Companies around the world in industries that power our global economy are conducting business through space. Discover how defense, security, energy, transportation, exploration, energy, construction and benefiting from the new space economy.

Format: This session will host 3 case study presentations limited to 10 minutes each. Along with an end user, 3 service providers will deliver a co-presentation about how their current offerings are being implemented and the benefits they can offer to your business operations.

14:20 Panel: Combatting climate change through space science

Discussing the critical role of space data in understanding and addressing climate change. Exploring the innovations in space-based services and applications and analyzing how new age communication satellites and emerging space tech can enhance monitoring and help suggest methods to limit climate change

15:00 Chairperson's closing remarks and end of day 1

AEROSPACE 2050

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10:55 Opening remarks by Chairperson

11:00 Panel: Space and Aviation

Highlighting how the space industry can further support in improving aviation tech and operations

11:35 Panel: New space race - increased satellite launches!

According to an article by Eurocontrol there has been a 4 times growth in satellites and an average of 1700 satellites to be launched every year by 2030. How has the economies of scale and reduced prices of small satellites impacted launch? What is the impact of these mega constellation launches on the space industry and beyond?

12:10 Panel: New space revolution: Capturing R&D value

As startups aim beyond earth, investors are now putting more money than ever before in space technology and space development. During this session our speakers will highlight

How to build an ecosystem of space startups to serve the country's space projects and plans. Which sector of the space industry is particularly of interest to investors and what are the recent investment trends in the space industry? What are the challenges faced by space startups and what can stakeholders in the industry do to support?

SPACE CONFERENCE

DAY 2, WEDNESDAY, 15TH NOVEMBER

12:45 Panel: Space situational awareness

Establishing a space traffic management system and improving space situational awareness capabilities to detect and avoid future collisions

13:20 Panel: What are we doing about space junk removal?

Discussing concerns about space debris and what is being done to clean up orbital space debris. Highlighting how countries can collaborate to minimize debris and promote more sustainable operations in orbit. Analyzing solutions that help to avoid creating new debris and removing the debris already in space.

13:55 Panel: Cyber Security – A top priority!

Discovering the best methods to build cyber resilience within the highly congested space domain to protect assets in orbit as well as on earth.

14:30 Space Tourism: 2023 and beyond!

Is space tourism a hype or reality? How close are we to commercial space travel? What will this mean for space science? – hear from our expert speakers whilst they debate the reality of space tourism

15:00 Chairperson's closing remarks and end of space conference



THE
FUTURE
OF
AEROSPACE

**THANK
YOU**



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DWC, DUBAI AIRSHOW SITE