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## PRESS CALL

### THE FREQUENTIS AVIATION ARENA OF WORLD ATM CONGRESS 2022 IS DEDICATED TO THE LATEST ATM AND UTM TECHNOLOGY AND INNOVATION

The Frequentis Aviation Arena, sponsored by the Austrian company headquartered in Vienna, is one of the many presentation theatres that entail an integral part of the World ATM Congress 2022 experience. Presentations will be from 21 to 23 June.

**26 May 2022, Madrid**– The Frequentis Aviation Arena is one of the many Free Educational Theatres of the World ATM Congress 2022. This one, in particular, is dedicated to 20-minute proprietary industry presentations, with a few panel presentations that will become the greatest space dedicated to the latest in ATM and UTM technology and innovation. During this edition, Frequentis offers by its Aviation Arena a programme full of novelties and innovations such as Frequentis TowerPad®, which is the world's most advanced automation application for ATC (Air Traffic Control) towers, the concept of virtualisation, contingency plans for ANSP (Air Navigation Service Providers), an evolution of the CNS (Communication Systems, Navigation and Surveillance) chain for the European green deal objectives and the Aeronautical Data and Information Management Services provided by the states.

The ninth edition of World ATM Congress, which includes the Expodronica Pavilion, sponsored by UMILES Group, offers a whole vision of the future of the sky with its different Educational Theatres. **The Frequentis Aviation Arena** is a theatre dedicated to mainly 20-minute proprietary industry presentations, with a few panel presentations. There are already speeches confirmed by several organisations such as Frequentis, ENAV, NASA, ENAIRE, GMV Aerospace and Defence S.A.U., and DFS Deutsche Flugsicherung, among others.

The main topics that will be presented by the different organisations in this edition at Frequentis Aviation Arena are:

- Safe and sufficient control and capacity and at the same time environmental focus and digitalisation in ATC
- TowerPad®, an advanced automation application for ATC Towers

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- Virtual Centre for voice communications, from both an operational and technical perspective
- Business continuity in airspace management. Multi-use strategies for contingency in ATM automation
- New Communications, Navigation and Surveillance technologies
- The SkyCab II research project to create the basis for simultaneous flight operations of manned and unmanned air traffic (UAS)
- The transition from AIS to AIM
- Techno Sky, an authorised drone operator
- Flexible Controller Working Position for Air Traffic Controller (ATCO) simulation and training
- Air Traffic Control Radar Systems
- Redesign of the airspace and flight procedures, both instrument- and visual-
- Remote Tower Centre Operations
- Agility, rationalisation and standardisation as the motto for a future ATM-grade IT platform
- Digital data to unite the sky
- The benefit from data and how they can help you
- More efficient/sustainable Airside operations
- The introduction of CP1 regulation, which foresees the need to start implementing D-NOTAM and other related tasks
- Digital Towers enhancing airport operations
- Intelligent Approach, an arrival spacing tool for controllers

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More information about **The Frequentis Aviation Arena:**

<https://www.worldatmcongress.org/frequentis-aviation-arena>

### About World ATM Congress

World ATM Congress is the result of the Civil Air Navigation Services Organisation (CANSO) partnership with the Air Traffic Control Association (ATCA). In its ninth edition, World ATM Congress offers three days of unparalleled insight into key issues in the ATM industry, complete with access to the aviation sector, including Advanced Air Mobility (AAM)/Urban Air Mobility (UAM), drones, commercial space, artificial intelligence (AI)/machine learning (ML), cloud computing and autonomous systems, and **the largest European for Aviation stand to date**, featuring with the most relevant organisations of global traffic management and regulation.

The event is taking place from 21 to 23 June 2022 at IFEMA MADRID. The exhibition hall gathers leading companies in the aviation sector, including UAS and AAM, and seven Education Theaters that discuss future challenges with esteemed international experts. The integration of UAS at World ATM Congress, provided by Expodrónica and its sponsor UMILES Group, reinforces this unique event's influential and collaborative character.

Enterprises or organisations interested in participating in the IX Edition of World ATM Congress, please make contact with the organisation through the [www.worldatmcongress.org](http://www.worldatmcongress.org) and [www.expodronica.com](http://www.expodronica.com) websites.

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