



Drones Beyond.

Agenda of conference & UAM demos

17th – 18th November 2022, Fiera del Levante, Bari



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Drones Beyond.

Conference Agenda – Day 1

Thursday, November 17th 2022

Session presenter: **Domenico Palmiotti** Journalist, Il Sole 24 Ore

| TIME | TOPIC | SPEAKER |
|---------------|---|--|
| 09:00 – 09:20 | Institutional Greetings | Michele Emiliano President, Apulia Region Antonio Decaro Mayor, City of Bari |
| 09:20 – 09:40 | Introduction | Giuseppe Acierno President, DTA Eugenio Di Sciascio Deputy Mayor, City of Bari |
| 09:40 – 09:50 | Keynote speech | Paolo Gentiloni European Commissioner for Economy TBC |
| 09:50 – 10:00 | The state of the art of the AAM and drone's market at international level | Paola Olivares Director, Advanced Aerial Mobility and Drone Observatory PoliMi |
| 10:00 – 11:20 | Panel: State of the art of UAM development in Europe | Moderator: Munish Khurana Senior Manager of ATM/UTM Business Development, EUROCONTROL Panelists: <ul style="list-style-type: none">• Fernando Arguesco Space Aviation and UAS Advisor, EUSPA• Giancarlo Varacalli Head of Telecommunications and Navigation Dept., ASI• Rita Rinaldo Head of Projects & Studies Implementation Division, ESA• Carmela Tripaldi R&D of New Technologies and Aerospace Director, ENAC• Giancarlo Ferrara R&D Work Programme Manager, EUROCONTROL• Ofer Lapid Naama (Urban Aerial Transport) Technology Leader, IIA• Cristiano Baldoni UTM System Engineering, ENAV |
| 11:20 – 11:35 | The urban mobility of the future: the European perspective | Dario Nardella President, Eurocities |
| 11:35 – 11:50 | The urban mobility of the future: the Italian perspective | Antonio Decaro President, ANCI |
| 11:50 – 12:50 | Panel: The future of cities and the new planning and development needs in light of new forms of mobility | Moderator: Bartosz Dzugiel Senior Research Specialist, Lukasiewicz Research Network - Institute of Aviation Panelists: <ul style="list-style-type: none">• Bastian Walthier Incubation & Startups, brigkAIR – Ingolstadt• Hans Siljebäck Bid Manager Strategic Projects, IBG – Norrköping• Miguel Angel Ania Technical Advisor Zaragoza City Council – Zaragoza• Adriana Witkowska-Konieczny Chief Specialist in Socio-Economic Development and Cooperation Dept., GZM Metropolis – GZM Metropolis• Sandra Maria Monteiro De Melo Coordinator of Applied Intelligence and Analytics, CEiiA – Porto |
| 12:50 – 13:00 | Keynote speech | Franco Ongaro Chief Technology and Innovation Officer, Leonardo |
| 13:00 – 13:15 | Introduction to demonstrations | Silvano Capuzzo Senior Advisor, DTA |
| 13:15 – 13:30 | Conclusions | Gianna Elisa Berlingiero Director of Economic Development Dept., Apulia Region Giuseppe Acierno President, DTA Eugenio Di Sciascio Deputy Mayor, City of Bari |
| 13:30 – 14:30 | Lunch Break | |
| 14:30 – 18:00 | UAM Flight Demonstrations (Live and recorded) | |



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Conference Agenda – Day 2

Friday, November 18th 2022

Session presenter: Michele De Feudis Journalist, La Gazzetta del Mezzogiorno

| TIME | TOPIC | SPEAKER |
|---------------|---|---|
| 09:00 – 09:15 | Introduction | Giuseppe Acierno President, DTA Eugenio Di Sciascio Deputy Mayor, City of Bari |
| 09:15 – 09:25 | National Strategic Plan on AAM | Alessio Quaranta Director General, ENAC |
| 09:25 – 09:45 | Grottaglie Airport Test Bed | Antonio Zilli Project Manager, DTA |
| 09:45 – 09:55 | Casa delle Tecnologie - Bari Open Innovation Hub | Michele Ruta Full Professor, PoliBa |
| 09:55 – 11:10 | Panel: Unmanned Aerial Vehicles: opportunities for talents and young entrepreneurs | Moderator: Manuela Matarrese Project Manager, DTA Panelists: <ul style="list-style-type: none">• Francesco Giordano Full Professor, UniBa• Giuseppe Silipo Director, Apulia Regional Education Office• Alon Abelson CEO, High Lander• Antonio Ficarella President, ITS Aerospazio Puglia• Michael Larsen Head of UAS Denmark Test Center• Francesca Zampano Director of Internationalization Dept., Apulia Region• Marco Arrobbio Head of Competence and Excellence Centers, Leonardo Unmanned System |
| 11:10 – 12:15 | Panel: Enterprises, technologies, and services for the smart city: enabling technologies for future mobility | Moderator: Uri Bornstein Senior advisor, DTA Panelists: <ul style="list-style-type: none">• Michele Pantaleo General Manager, AMT Services• Alberto Iovino ATM/UTM integration, D-flight• Felice Vitulano Head of Innovation, Marketing & Technology, Exprivia• Peter Stirratt Business Development - Survey & Surveillance, Skyports• Gianpaolo Conte Program Manager Advanced Air Mobility, Leonardo• Matteo Claudio Scopelliti Product and Portfolio Manager, TIM |
| 12:15 – 13:20 | Panel: Enterprises, technologies, and services for the smart city: platforms and solutions for UAM | Moderator: Alessandro Cardì Senior Advisor, DTA Panelists: <ul style="list-style-type: none">• Carlo Tursi CEO, UrbanV• Michael Hardt Associate Technical Fellow in Autonomy Technologies, Boeing Research & Technology - Europe• Federico Bus Operations Engineer, FlyingBasket• Laura Esposito Manager of RPAS Unit, Telespazio• Alberto Mennella Innovation Manager, TopView |
| 13:20 – 13:30 | Conclusions | Alessandro Delli Noci Regional Minister for Economic Development, Apulia Region Giuseppe Acierno President, DTA Eugenio Di Sciascio Deputy Mayor, City of Bari |
| 13:30 – 14:30 | Lunch Break | |
| 14:30 – 17:30 | UAM Flight Demonstrations (Live and recorded) | |



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Agenda of UAM demos

A series of live and recorded UAM operations will be performed in the afternoon of the two-day event. The following enterprises/organizations will take part in the demonstrations:

AMT Services – CETMA – D-Flight – DroneBase – Eagle Projects – ENAV – Exprivia – FlyingBasket – Leonardo – High Lander – Nimbus – Pipistrel – Planetek – Police Department of Bari – Salento Droni – Skyports – SkyEye Systems – Soul Software – Telespazio – TIM – TopView – UMS Skeldar – UST Italia – Vector Robotics

| Thursday 17 th November | | | |
|------------------------------------|--|---------------|--|
| N° | Mission Type | Live/Recorded | Operators |
| 1 | Basic mission demonstration | Live | DTA – Telespazio |
| 2 | Multiple and simultaneous UAS operations in a single sky | Live | DroneBase |
| 3 | Intermodal transport | Live | TopView – Navya – Capitaneria di Porto |
| 4 | Territorial observation with multisensors | Recorded | SkyEye Systems – Planetek |
| 5 | Coast control | Recorded | DTA – Municipal Police |
| 6 | Observation with Solar Platform | Recorded | Vector Robotics |
| 7 | Ship to land delivery and port territory control | Recorded | Skyports |
| 8 | Non cooperative platforms management | Recorded | Soul Software |
| 9 | Drone Air Show | Live | Eagle Projects |
| Friday 18 th November | | | |
| N° | Mission Type | Live/Recorded | Operators |
| 10 | Urban territorial control | Live | DTA – Exprivia |
| 11 | Delivery of goods at home | Live | DroneBase |
| 12 | Mission control with radio bridge | Live | TopView – Nimbus |
| 13 | Vertiport Operations | Recorded | Sky Proxima |
| 14 | Demonstration of aerial work | Recorded | Flying Basket |
| 17 | Platform and space control during a mission | Recorded | Highlander |
| 15 | Mobile Vertispot application | Recorded | UST Italia |
| 16 | Relief on architectural heritage | Recorded | Cetma-Salento Droni |
| 18 | Drone Air Show | Live | Eagle Projects |

During the UAM demo, experimental U-space services will be provided inside the segregated air space by ENAV, D-flight and DTA.

This year's event starts the operation of **Bari Urban Drone Range**, representing a further step in creating a community that operates as the Apulian node of a national and international network to develop the UAM sector. This community consists of public and private actors, industry and academia, service providers and users, and sees its strengths in the availability and possibility of creation of the necessary expertise, and in the availability of valuable testing infrastructures in Bari (**Urban Drone Range**) and Grottaglie (**Grottaglie Airport Test Bed**) to support the development of the future solutions.