



Drones Beyond.

Agenda of conference & UAM demos

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



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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 Pierluigi Di Palma President, ENAC Alessandro Ambrosi President, Nuova Fiera del Levante
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 – 10:05	Keynote speech	Paola Olivares Director, Advanced Aerial Mobility and Drone Observatory PoliMi
10:05 – 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">• Pablo Haro Space Aviation and UAS Advisor, EUSPA• Giancarlo Varacalli Head of Telecommunications and Navigation Dept., ASI• Antonio Garutti Head of Telecommunication System Project Office, 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
11:20 – 11:30	Keynote speech	Francesca Isgrò President, ENAV
11:30 – 12:00	The mobility of the future: Italian and European perspectives	Antonio Decaro President, ANCI Dario Nardella President, Eurocities TBC
12:00 – 13:00	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, Lukaszewicz Research Network - Institute of Aviation Panelists: <ul style="list-style-type: none">• Bastian Walthier Ingolstadt• Miguel Angel Ania Zaragoza• Adriana Witkowska-Konieczny GZM Metropolis• Sandra Maria Monteiro De Melo Porto
13:00 – 13:15	Introduction to demonstrations	Silvano Capuzzo Senior Advisor, DTA
13:15 – 13:30	Conclusions	Gianna Elisa Berlingiero Director of Economic Development Department, 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 – 09:30	Keynote Speech	Nicola Zaccheo President, Transport Regulation Authority
09:30 – 09:40	Keynote Speech	Donatella Proto Directorate General for Electronic Communication, Broadcasting and Postal Services, Ministry of Economic Development
09:40 – 10:00	Grottaglie Airport Test Bed	Antonio Zilli Project Manager, DTA
10:00 – 10:10	Casa delle Tecnologie - Bari Open Innovation Hub	Michele Ruta Full Professor, PoliBa
10:10 – 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
11:10 – 12:10	Panel: Enterprises, technologies, and services for the smart city: enabling technologies for future mobility	Moderator: Uri Bornstein Advisor, DTA Panelists: Representatives from <ul style="list-style-type: none">• AMT Services• D-flight• Exprivia• Skyports• Telespazio• TIM
12:10 – 13:20	Panel: Enterprises, technologies, and services for the smart city: platforms and solutions for UAM	Moderator: Alessandro Cardì Advisor, DTA Panelists: Representatives from <ul style="list-style-type: none">• Aeroporti di Roma / UrbanV• Airbus TBC• Boeing Research & Technology - Europe• Flying Basket• Leonardo• Techno Sky• 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 – 18:00	UAM Flight Demonstrations (Live and recorded)	



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UAM demos (draft program)

A series of live and recorded flight operations will be performed in the afternoon of the two-day event. The following enterprises will take part in the demonstrations (the list is not definitive):

AMT Services – D-Flight – DroneBase – Eagle Projects – Exprivia – Flying Basket – Leonardo – Nimbus – Pipistrel – Bari Police Department – Salento Droni – Sky Proxima – SkyEye Systems – Planetek – Telespazio – TIM – TopView – UST Italia – Vector Robotics

The objective of the flight operations will be the following:

- Demonstration of the various technologies used
- Demonstration of procedures (CONOPS-CONUSE)
- Applications for environmental observation/control
- Applications for delivery
- Other types of applications (aerial work)

Provisional list of UAM demos

Mission Type	Purpose of the demo				
	Technology	Mission Management	Observation	Delivery	Aerial Work
Monitoring of urban traffic jams	X	X	X		
GNSS – Based navigability analysis in urban area	X	X			
Management of multiple simultaneous mission	X	X			
Intermodal parcel delivery	X	X		X	
Radio bridge control	X	X			
Home delivery	X	X		X	
Coast control	X	X	X		
Environmental control using a solar-powered Drone	X	X	X		
Multisensor territory observation	X	X	X		
Vertiport Operations	X	X			
Aerial Work – Antenna Installation	X	X			X
Regional Mobility using a hybrid-electric Drone	X	X		X	
Unmanned Box System	X	X	X		
Drone Air Show	X	X			

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.