



Drones Beyond.

Drones Beyond.2022 program for schools and young people

For middle schools:

Guided tours of the “Technology and New Air Mobility” exhibition

Science disseminators and experts in the field will introduce students to the technologies and objects on display: starting with the modern concept of *navigation* and continuing with an explanation of the role of satellites and how navigation apps such as Google maps work, and ending with the concept of smart cities. The relationship between space technologies and *unmanned vehicles* (drones) in the service of sustainable development for the planet (climate change monitoring, earth observations, etc) will be explained. The characteristics of the drones on display will be illustrated and the missions they can perform will be described, showing recordings and demonstrations that will take place during Drones Beyond 2022.



The guided tour, lasting an average of 2 hours, can be organized for a limited number of schools and classes and, in particular, only for those that have submitted an application **between October 10th and 14th, 2022.**

For high schools:

Participation in “DB racing”



DTA offers to high schools the opportunity to get closer to the technologies that will be presented at Drones Beyond, also through games and sport: professional and/or amateur athletes will invite students to compete in an FPV (First Person View) drone racing competition. Within a circuit of obstacles to overcome, teams of students will compete driving mini drones. The team that completes the circuit in the shortest time will win.

In addition to participating with their own team in the DB racing competition, schools will be able to visit the exhibition on “***technologies and new aerial mobility***” while at the event. If they are interested, they will be able to attend “live” (or recorded, in the case of adverse weather conditions) demonstrations of drones carrying out missions of various kinds, such as environmental monitoring, parcel delivery or aerial work. Participation in the competition is restricted to a limited number of teams and in particular only to those that have submitted their application **between October 10th and 14th, 2022.**



Drones Beyond.

For young people aged 18 and above

Seminars dedicated to them will be held, during which the Professions related to urban air mobility will be presented; a focus will be proposed on the skills, both technical and transversal, that are required today to be successful professional and/or entrepreneurs; the importance and value of technological innovation will be discussed; and it will be possible to meet players of AAM sector.

On October 11th, in Lecce, and on October 24th, in Bari, in collaboration with the University of Salento, the Polytechnic University of Bari, and the University of Bari, will be held the seminar entitled:



The cities of tomorrow and the new mobility: opportunities and prospect for young people

It will be an opportunity to learn about the projects and initiatives of DTA and Apulian universities on *advanced air mobility* and to express curiosity and interest in enabling technologies and application solutions in the sector.

The topics arising during the Q&A session at the seminar will be explored in depth during the two days of Drones Beyond 2022 and in meeting with industry professionals who will be present at the event.