



May 5th–7th, 2026
 Madrid, Spain
<https://eurognc.ceas.org>



The CEAS Conference on Guidance, Navigation and Control or “EuroGNC” is an applied conference with strong aeronautics and space orientation. More theoretical works in the area are welcome, especially if their application to aeronautics and space problems can easily be inferred. Other (non-aerospace) applications with similar challenges and modeling approaches (e.g. automotive, robotics, wind energy, underwater vehicles) are welcome.

The conference is held every two years, each time in a different European country. It gathers typically about 130 engineers and scientists over three days. With this number of participants, the compact size of the venue, the coffee and lunch breaks on site, as well as the social program, the EuroGNC conference offers very good networking possibilities and value for money.

Papers will be published in open-access (CC-BY-4.0 license) and available on the EuroGNC website (section [Paper Library](#)).

Key Dates

Full draft paper submission: Sept. 30th, 2025
 Author notification: Nov/Dec 2025
 Final paper submission: Feb 20th, 2026
 Conference: May 5th–7th, 2026

Topics

The topics for the EuroGNC conference include:

- Control Theory, Analysis and Design
- Applications of Guidance, Navigation, and Control:
 - To all types of aerospace vehicles: Aircraft, Spacecraft, Missiles, Mini/Micro Air Vehicles, Drones, Multicopters
 - To other aerospace systems: e.g. in Air Traffic Control Systems, Ground Segments, etc.
 - To non-aerospace systems with similar challenges (e.g. in Automotive, Underwater Vehicles, Ships, etc.) with or without human presence/intervention, at all levels of autonomy
- Intelligent Control / AI in Aeronautics and Astronautics
- Aerospace Robotics and Unmanned/Autonomous Systems
- Novel Navigation, Estimation and Tracking Methods
- Sensor Systems for Guidance, Navigation and Control
- Flight Mechanics, Dynamics, and Simulation
- Modelling of Aerospace Systems
- Flight Testing and Experimental Results (incl. Pilot/Astronaut/Operator-in-the-Loop)



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EuroGNC 2024 in Madrid

The 2026 conference will be hosted at the University Carlos III de Madrid.

Madrid is a vibrant European capital with rich history, famous architecture, and 3.5 million residents. It is well connected to the world through its international airport (15th busiest worldwide) and to other parts of Spain via a network of high-speed railway lines. The weather in Madrid is usually very nice in the spring.

The conference venue is located in the city center, at the Campus Puerta de Toledo of the University Carlos III de Madrid. From there, attendants can reach the main square, Plaza Mayor, in a 10-15-minute (1.2 km) walk. Several hotels are in the direct vicinity (< 5-min walk) of the conference venue.

Numerous famous monuments, museums, and parks can be reached in less than 20-30 minutes on foot. The metro/bus station Puerta de Toledo is located just outside of the venue and a regional train station (Embajadores) is a few minutes away, ensuring good connection to the airport and to the main train station.

