

An Introduction to Simulink and Stateflow in Drone Simulation

Organizers: AEIT Liguria Sezione Giovani & MATLAB Student Ambassadors at the University of Genoa

Abstract

The seminar “An Introduction to Simulink and Stateflow in Drone Simulation” aims at giving participants the chance to understand the workflow, regarding the behavior implementation and subsequent **simulation of real systems**, such as drones. Every day engineers constantly implement novel solutions to handle the functioning of complex systems in real-world scenario: the seminar will start highlighting the importance of this **engineering approach** on sophisticated systems, **from humanoid robots to drones**, and consequently it will focus on the technical definition of **state machines**, the development of a basic **path planning algorithm for drones** and the complete simulation of the final system in **Simulink and Stateflow**.

About The Organizers

Master of Ceremonies: Giulio Birga, President of AEIT Liguria Sezione Giovani

Speaker: Matilde Antonj, PhD student in Bioengineering and Robotics & MATLAB Student Ambassador

MATLAB Collaborator: Luca Cirillo, Master’s Student in Engineering Technology for Strategy & MATLAB Student Ambassador

About The Event

Date & Time: May 24th, 2024 at 4.30 p.m. – 6.30 p.m.

Location: room E4 at the Polytechnic School of Engineering (Via Opera Pia 13, Genova) & online

Refreshment & Prizes: during a networking aperitif, the best participants of the class will be rewarded with MATLAB gadgets.

**Don't miss this opportunity & join the seminar:
scan the QR code to subscribe!**



2 CFP for the members of “Ordine degli Ingegneri di Genova”

