

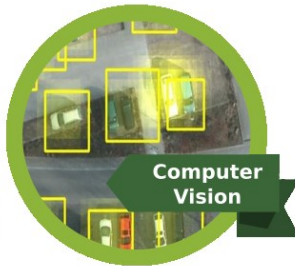
IEEE CIS Cyprus Chapter Drone A.I. School 14-15 Sept.



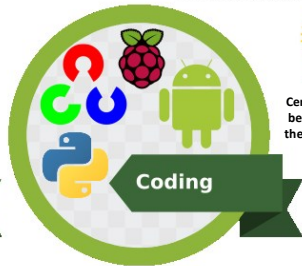
Certificates will be provided to the participants



Optimization & Learning



Computer Vision



Coding

Day 1 (14/9): Drone A.I. lectures

09:00–10:00	<ul style="list-style-type: none"> Registration and welcome message
10:00–11:00	Drone applications in: <ul style="list-style-type: none"> Emergency response Infrastructure inspection Transportation networks
11:00–11:15	Coffee break (Included)
11:15–13:30	Optimization, control, security: <ul style="list-style-type: none"> Autonomous Flight Online Learning Airborne security
13:30–14:30	Lunch Break (Not-Included)
14:30–16:00	Vision for Aerial Systems: <ul style="list-style-type: none"> Image Processing Feature Extraction Image Recognition Object Detection

Day 2 (15/9): Hands-on lab

10:00–10:30	PC Setup and Preparation for Lab
10:30–11:45	Lab Tutorial 1: <ul style="list-style-type: none"> Data Annotation/ Tagging Training a Machine Learning Model
11:45–12:00	Coffee break (Included)
12:00–13:30	Lab Tutorial 2: <ul style="list-style-type: none"> Grid and graph navigation Path Planning algorithm coding
	Implementation and prototyping
13:30–14:30	Lunch Break (Not-Included)
14:30–16:00	Hands-on experience and testing

Participation Fees (payable from 9:00-10:00 on Day 1 (14/9))

IEEE CIS Members	IEEE Student Members	Non-IEEE members
Free	5 €	15 €

Only 25 Seats available. Register by **Wednesday, 12/09/2018** through email: ieeesb@ucy.ac.cy (please include : name, surname, IEEE membership number (if applicable), university, year and area of studies)

Instructors: Dr. Panayiotis Kolios and Dr. Christos Kyrkou

Location: University of Cyprus Campus, [KOD 03, Room: 105](#)

