

**Postdoc/PhD/predoc researcher positions in deep learning / computer vision for drones/
UAVs in AIIA Lab, AUTH, Thessaloniki, Greece**

R & D topics:

Visual Information Analysis (image and video for drones)
Computer/Robotic vision for drones (object/crowd/obstacle/POI detection/tracking etc.)
Machine learning for data analysis and control of drones
Analysis of RGB-D data, point clouds, drone mapping
Software implementations in Robotic Operating System (ROS)
Computational cinematography using drones
Privacy and Security issues in drone applications
Control of collaborative and autonomous robots (drones)

Post doc researchers or PhD candidates or predoc researchers are welcomed. Candidates are expected to have:

- a) BSc or MSc or PhD degrees in Computer Science or Electrical / Electronic / Computer Engineering or equivalent;
- b) very good knowledge in machine learning / deep neural networks and/or computer vision and/or robotics and/or image / video / signal processing;
- c) very good programming skills (C / C ++, Python, MATLAB). Knowledge of ROS and/or deep NN programming tools is welcomed;
- d) be EU citizens or have work permit for Greece.

Funding is subject to the procedures and rules of the Aristotle University of Thessaloniki (AUTH), Thessaloniki, Greece. Research will be done at the Artificial Intelligence and Information Analysis (AIIA) lab of CSD, AUTH, in cooperation of the ICARUS.AUTH Special Interest Group. Thessaloniki and AUTH provide an excellent living, work and study environment. AIIA lab is very well known internationally for research in computer vision, machine learning/pattern recognition, image/video processing and digital media (its members have 10+ books, 50+ book chapters, 1200+ publications, 33000+ citations, h-index 80+).

Relevant links:

Projects: <https://multidrone.eu/>

AIIA Lab: <http://www.aiia.csd.auth.gr/>

Icarus.AUTH: <http://icarus.csd.auth.gr/>

CSD AUTH: <https://www.csd.auth.gr/en/>

AUTH: <https://www.auth.gr/en>

Send CVs to: Professor Ioannis Pitas, Head of AIIA Lab, pitas@aiia.csd.auth.gr.