



Regione Toscana



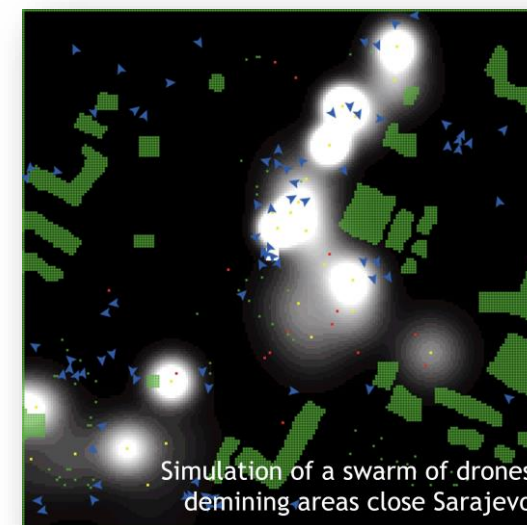
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REPUBBLICA ITALIANA

SCIADRO – Swarm of Drones

- Using swarms of drones in environmental security and protection;
- Sensing and detection of gas leaks, early wildfire, illegal dumps, land mines, etc.
- The focus of Unipi.DII research is to coordinate multiple UAVs for distributed targets detection and tracking, in different technological and environmental settings. The proposed approach is founded on the self-formation and self-coordination of team of UAVs adapting itself to mission-specific environment layouts.
- Unipi.DII budget: 200K€
- Scientific contact: Prof. Mario G.C.A. Cimino (mario.cimino@unipi.it)



Simulation of a swarm of drones demining areas close Sarajevo

