

MED22 Workshop: Active methods in autonomous navigation

June 28, 2022, Divani Apollon Palace and Thalasso Athens, Greece

Organizers:

Dr. Konstantinos Tsintotas, *Democritus University of Thrace*

Dr. Nitin J. Sanket, *University of Maryland, College Park*

Prof. Antonios Gasteratos, *Democritus University of Thrace*

Prof. Yiannis Aloimonos, *University of Maryland, College Park*

Schedule

09:00 - 09:15	Welcome
09:15 - 10:15	Invited talk: "Active Perception with Foveal Sensors: a bio-inspired strategy for resource constrained robots" Prof. Alexandre Bernardino, Instituto Superior Técnico, Portugal (virtual).
10:15 - 11:00	Coffee Break
11:00 - 12:00	Invited talk: "Resilient Robotic Autonomy - Technologies and Lessons Learned from the DARPA Subterranean Challenge" Prof. Kostas Alexis, Norwegian University of Science and Technology, Norway (virtual)
12:00 - 13:00	Plain Session (papers' presentation)
13:00 - 14:00	Lunch break
14:00 - 15:00	Invited talk: "Learning to Fly: From perception to action", Prof. Davide Scaramuzza, University of Zurich, Switzerland (virtual).
15:00 -16:00	Invited talk:"Navigation During Visuospatial Problem Solving", Prof. Jonh K. Tsotsos, York University, Canada (virtual).
16:00 - 16:45	Coffee Break
16:45 - 17:15	Panel Discussion and Concluding Remarks