

October 3-7, 2022 - Thessaloniki, GR



Continuous Engineering and Deep Learning for Trustworthy Autonomous Systems

ABOUT THE SUMMER SCHOOL

The joint H2020 OpenDR – FOCETA Summer School will host invited talks by distinguished researchers and industrial experts, as well as talks by the project participants that will reflect the achievements in the two ongoing projects. The event is specifically designed for graduate and doctoral students as well as young researchers.

LECTURERS & PROGRAM

Many lecturers have confirmed their talks: Adam Molin (Denso Germany), Xiaowei Huang (University of Liverpool), Son Tong (Siemens), Doron Peled (Bar-Ilan University), Ezio Bartocci (TU Wien), Mohamed AbdElSalam (Siemens EDA), Michael Paulitsch (Intel), Bettina Könighofer (Graz University of Technology), Georgios Fainekos (Toyota North America), Anastasios Tefas, Nikolaos Passalis, Paraskevi Nousi, Nikolaos Nikolaidis (Aristotle University of Thessaloniki), Alexandros Iosifidis, Erdal Kayacan (Aarhus University), Abhinav Valada (University of Freiburg), Roel Pieters (Tampere University), Stefania Pedrazzi/Daniel Dias (Cyberbotics), Gizem Bozdemir/Francesco Ferro (PAL Robotics), Alea Scovill/Ole Green (Agrointelli), Robert Babuska/Jens Kober (Delft University of Technology).


REGISTRATION

Attendance of the Summer School is in person and restricted to registered participants. There is no registration fee, but due to limited number of spaces, participation in the Summer School is subject to approval by the organisers. Applicants have to submit their applications as soon as possible using the form available on the event website.

VENUE - ACCOMODATION

Aristotle University Research Dissemination Center (KEDEA), Thessaloniki, Greece. Accommodation options will be announced on the Summer School website.

OpenDR stands for *Open Deep Learning Toolkit for Robotics*. The project goal is to develop a modular, open and non-proprietary toolkit for core robotic functionalities by harnessing deep learning to provide advanced perception and cognition capabilities, meeting the general requirements of robotics applications in the areas of healthcare, agri-food and agile production. <https://opendr.eu/>

FOCETA: *Foundations for Continuous Engineering of Trustworthy Autonomy*. The project focuses on the analysis of systems' safety, security and performance in complex and unpredictable environments, given that deep learning components are particularly sensitive to cyber-security threats and possible deviations from the system's operational design domain. <http://www.foceta-project.eu/> 

Event website: <https://depend.csd.auth.gr/thessaloniki2022/>