



CONTROLO'2022

15TH APCA INTERNATIONAL CONFERENCE ON AUTOMATIC CONTROL AND SOFT COMPUTING

JULY 6-8, 2022, CAPARICA, LISBON REGION, PORTUGAL

[HTTPS://CONTROLO2022.DEEC.FCT.UNL.PT/](https://controlo2022.deec.fct.unl.pt/)

Special Session on Impact of Covid-19 Pandemic in Control Engineering and Robotics Education

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Call for Papers

Brief description of the theme: This special session goal is to join researchers and experts working in the different areas of higher education Control Engineering and Robotics. It aims to promote discussion regarding: new trends, demonstration/evaluation of teaching/learning resources, establishment of new research and development links. Science and technological fast developments are changing society in all aspects. Current students demand new teaching and learning methodologies. As students change, teachers must keep-up by adapting their teaching, the technologies used and the type of supporting teaching/learning materials. How to motivate students? How to stimulate student's critical thinking? How to promote student's self-learning skills?

Topics of interest include, but are not limited to: Arduino and Raspberry PI applications; E-learning and Blended-learning; Flipped Classroom approaches; Gamification; Internet-based teaching/learning resources and approaches; Mobile Learning and Educational Apps; New courses curricula for introductory courses; Open-source resources; On-line Intelligent Tutoring Systems; Problem based learning; Virtual and remote labs; Industrial automation.