• Paper / Proposal Title:
Teaching online: the paradigm of higher education in Design in times of pandemic

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• Abstract:
This article focuses on the teaching of Design in the context of the Covid-19 pandemic in three case studies in Portugal. This study aims at pointing out solutions for the development of a new teaching method for Design in Portugal, using the fundamentals of TRIZ as an active learning methodology. This study is looking at a local scenario in design education in Portugal that can be applied in a wider context as this is a local global phenomenon. It is an inductive study as it starts in the specific and scopes it out to the general. However, during the pandemic we have experienced a new era for teaching, due to the confinement generated by Covid-19. We were forced to migrate to a fully emergency and digital education, where there is an ongoing discussion about online environments as suitable spaces for teaching. On the other hand, methods that have contributed in the past, which favor the transmission of knowledge, make the process tiring and less productive for the current scenario. The fieldwork is being conducted using a combined methodology, quantitative and qualitative, and carried out remotely via questionnaires, interviews and recreational activities with teachers that worked during the pandemic. The conclusion of this review points to evidence that we can teach and learn in different ways, in all spaces and at different times. It is imperative to share and analyze how to integrate all environments, teaching and learning strategies optimally at each stage of learning and according to the individual needs of each
student. We need to move quickly to redesign flexible, quality, lower-cost educational projects with faster and more agile results.

• Author(s) Biography:

André Luis Casteião is a design educator and researcher. André is a professor in design at the Federal University of Cariri, Brazil, he is a PhD student at Faculty of Fine Arts, University of Porto. André’s research interests are focused around the development of a new teaching method for Design in Portugal, using the fundamentals of TRIZ as an active learning methodology, with the premise that innovation and creativity can be taught in a systemic and the upgrading of the instructional techniques of teachers.

Susana Barreto is a design educator and researcher. Susana is a professor in design at the Faculty of Fine Arts, University of Porto where she is currently in the coordinating team of two research projects, Wisdom Transfer: towards the scientific inscription of individual legacies in contexts of retirement from art and design higher education and research, and Anti-Amnesia: Design research as an agent for narrative and material regeneration and reinvention of vanishing Portuguese manufacturing cultures and techniques. Susana’s research interests are focused around the role of culture in graphic communication, cross-cultural design, image globalization, visual methods and design ethics.