

# Creative Evolutionary Algorithms

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## *Abstract*

The Tutorial on Creative Evolutionary Algorithms (EAs) is aimed at CEC attendees with limited knowledge on the applications of EAs to art and creativity. We will cover basic concepts associated to creativity, and generative art, and how evolutionary approaches can be applied within this context. By reviewing some of the latest approaches to the area we will analyze how creativity can be pursued from a computational point of view, with particular interest on what evolutionary algorithms can offer. An interactive experiment will be conducted during the talk, inviting all of the attendees to participate.