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Artificial Intelligence and Complexity in Art, Music, Games and Design

Guest Editors:

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Deadline for manuscript submissions:
closed (30 September 2020)

Message from the Guest Editors

This Special Issue will focus on both the use of complexity ideas and artificial intelligence methods to analyse and evaluate aesthetic properties and to drive systems that generate aesthetically engaging artefacts, including but not limited to: music, sound, images, animations, designs, architectural plans, choreographies, poetry, text, jokes, etc.

- Computational aesthetics
- Formalising ideas of aesthetics using ideas from entropy and information theory
- Computational Creativity
- Artificial Intelligence in art, design, architecture, music and games
- Information Theory in art, design, architecture, music and games
- Complex systems in art, music and design
- Evolutionary art
- Evolutionary music
- Artificial life in arts
- Swarm art
- Pattern recognition and aesthetics
- Cellular automata in architecture
- Computational intelligence in arts

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Message from the Editor-in-Chief

The concept of entropy is traditionally a quantity in physics that has to do with temperature. However, it is now clear that entropy is deeply related to information theory and the process of inference. As such, entropic techniques have found broad application in the sciences.

Entropy is an online open access journal providing an advanced forum for the development and/or application of entropic and information-theoretic studies in a wide variety of applications. *Entropy* is inviting innovative and insightful contributions. Please consider *Entropy* as an exceptional home for your manuscript.

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