Special Issue

Artificial Intelligence in Dynamics of Human Cooperation

Message from the Guest Editors

This Special Issue aims to provide a forum for the exploration of the potential interplay between AI and the dynamics of human collective behavior such as cooperation, coordination, trust and fairness; in particular, the different ways that the advancement of AI might alter the dynamics of human collective behavior, and vice-versa. Both theoretical modeling and behavioral experiment studies are welcome. Some potential topics include (but are not limited to):

- Cooperation in hybrid societies;
- Cooperation with autonomous agents;
- AI-based cooperation engineering;
- Trust and cooperation in human–machine interactions;
- Cognitive mechanisms and cooperation;
- Emergence of the cognitive mechanisms for cooperation;
- Reputation and information processing;
- Cooperation and competition in AI development;
- Incentives design for pro-sociality in human-agent societies;
- AI and social cohesion.

Guest Editors

Dr. The Anh Han

Dr. Simon Powers

Prof. Dr. Luís Moniz Pereira

Dr. Isamu Okada

Deadline for manuscript submissions

closed (31 December 2021)

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Entropy
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
entropy@mdpi.com

mdpi.com/journal/entropy

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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.

Editor-in-Chief

Prof. Dr. Kevin H. Knuth
Department of Physics, University at Albany, 1400 Washington Avenue, Albany, NY 12222, USA

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