Special Issue

Artificial Superintelligence: Coordination & Strategy

Message from the Guest Editors

Attention in the AI safety community has recently started to increasingly include strategic considerations of coordination amongst relevant actors within the field of AI and AI safety, in addition to the steadily growing work on technical considerations of building safe AI systems. This shift has several reasons: Multiplier effects, Pragmatism, Urgency. Given the benefits of coordination work on the path to safe Superintelligence, this issue intends to survey promising research in this emerging field within AI safety. On a meta-level, the hope is that this issue can serve as map to inform efforts in the space of AI coordination about other promising efforts. While this edition focuses on AI safety coordination, coordination is important to most other known existential risks (e.g., biotechnology risks), and future human-made existential risks. Thus, while most coordination strategies in this issue will be specific to superintelligence, we hope that some insights yield "collateral benefits" to the reduction of other existential risks by creating an overall civilizational framework that increases in robustness, resiliency, or even antifragility.

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Message from the Editor-in-Chief

Big Data and Cognitive Computing (BDCC) is a scholarly online journal which provides a platform for big data theories with emerging technologies on smart clouds and exploring supercomputers with new cognitive applications. It is a peer-reviewed, open access journal that publishes high quality original articles, reviews and short communications. The primary aims of this journal are to encourage contributions of high quality scientific papers relating to data management and analytics in industry, such as manufacturing, healthcare, education, media and business, data mining, and cognitive science. There is no restriction on the maximum length of the papers.

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