

Special Issue

How Humans Conceptualize Machines

Message from the Guest Editors

The huge artificial intelligence market has given birth to a number of new research areas, in the effort to foster the acceptance of machines, and to improve the interaction experience of humans with machines. This research intersects disciplines from engineering, psychology, computer science, economy, and sociology. There is, however, a fundamental issue that boils down all of the studies about humans' interaction with machines: the understanding of how humans conceptualize machines.

This sort of investigation involves crucial aspects of how in general humans construct concepts of minds with which they interact, therefore, it pertains first and foremost to philosophy of mind and cognitive science. It is especially important to assess the evolution of the mental image of machines due to the new artificial intelligence. People may now attribute machines with properties such as conscious experience and a kind of moral status. Such attributes might in turn affect the evolution of social attitude towards machines.

We welcome papers exploring all aspects that contribute to answering the question of how humans conceptualize machines.

Guest Editors

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Message from the Editor-in-Chief

Philosophies searches for the syntheses of philosophical and scientific inquiries. It promotes philosophical work that is derived from the experience of diverse scientific disciplines and cultures. Multiple philosophies already exist—those of logic, information, computation, natural and artificial life, natural or artificial intelligence, complexity, technology, etc. Our mission is not to abandon philosophical roots and traditions of inquiry, but to promote the development of philosophical foundations and effective methodologies derived from diverse scientific explorations, and intended to enhance these explorations as to generate deeper and more holistic knowledge. Innovation may also be achieved through the cultural dimension. Other cultures can offer from their heritage a diversity of resources for exploration; these resources can also contribute to the emergent synthesis of philosophical inquiry.

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