Arianna Maria Pavone
Department of Computer Science, University of Pisa, Italy

Brief CV

Dr. Arianna Pavone is Research Fellow in Computer Science at the University of Pisa, Italy. Her background is philosophy, cognitive science and computer science. In 2021 she earns cum laude a PhD in Cognitive Science at Department of Cognitive Science, University of Messina, under the guidance of Prof. Alessio Plebe. In 2017 she earns a Laurea in Cognitive Science, at University of Messina. Her bachelor's degree was earned in 2015 at the University of Catania, in Humanities. Now her work explores questions located at the intersection of philosophy, technoscience and culture, and her research interests include cognitive science, computation and artificial intelligence.

Aims and vision

Given her background in Computer Science and her current affiliation within a prestigious Department of Computer Science, the candidate's vision is to advance cognitive science as an interdisciplinary scientific study of human reasoning, emotion, language, perception, attention, and
memory, with a particular focus on its relationship to the field of computer science.
First and foremost, the candidate wishes to promote the advancement of cognitive science in the area of artificial intelligence and in exploring the design of computers and software capable of intelligent behavior.
Also, aware that some of the theoretical constructs of cognitive science have been borrowed from computer science, including processing algorithms, information organization, and information selection, the candidate wants to promote and encourage the application of these constructs to human information processing, reinforcing the link that, in the literature, cognitive science has with computer science. This can be accomplished through the organization of working groups that can promote internal collaboration among members of the association.
Among the goals that the nominee proposes is the creation and maintenance of an AISC website that can integrate services and technology to serve members, with the goal of improving visitor access to information and allowing administrators to reach them as quickly as possible through the use of mailing lists and feeds.