



Special Track on

Cognition and Artificial Intelligence

Cognitive psychology and artificial intelligence have provided valuable insights into the scope and limitations of human thought and behavior. As technology becomes more of a fixture in our daily routines, advances in artificial intelligence increasingly impact how we think and interact with others. This track is motivated by these two fronts of research: the basic theoretical integration of cognition and artificial intelligence; and its application to real-world domains. As such, the track will cover a wide range of issues. We welcomed submissions in any area where cognition and computers are mutually explored, but especially encouraged work in how humans and computers communicate or how artificial intelligence facilitates communication. Although all studies as they related to cognition and AI were welcomed, possible areas of interest included human computer interaction, embodied cognition, ambient intelligence, distributed cognition, inference, learning, planning, problem solving, language and communication, perception, game theory, goal-directed behaviors, constraint satisfaction problems, cognitive architectures, intelligent systems, models of agency, and autonomous systems.