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Category: Academic Meeting

Title: EBICC 2015: 10th International Brazilian Meeting on Cognitive Science

Description: The central theme of EBICC-2015 is Situated Embodied Cognition - Information and Autonomous Action, and focuses on questions concerning the role of the informational coupling between the cognitive agent, and the environment and its epistemological implications. This theme provides the main guideline for the debate, and alternative views and proposals are expected and welcomed for work submission and presentation. The key questions under the main theme are: How does an agent construct knowledge with the information gathered from its interactions with the environment ? What is the role played by the agent's cognitive embodiment ? What are the issues concerning knowledge representation by the mind from the perspective of situated embodied cognition ? Can the processes underlying cognition in natural systems be emulated by machines, or be investigated by means of computer programs, or be simulated in computers, considering the viewpoint of situated embodied cognition ? Which mathematical approaches should be used to lay the foundations of the modelling of cognitive processes ? Are there methods to assess the significance of hypotheses and the efficacy of models constructed to conform to the principles underlying the viewpoint of situated embodied cognition ? What are the epistemological questions and the ethical consequences concerning the development of technological artifacts that may affect the cognitive attributes of individuals ?

Date: 07/12/2015 to 11/12/2015

Deadline: 30/09/2015

Place: Sao Paulo , Brazil

Link: EBICC 2015

Keywords: Cognitive Science, Cognitive architecture, Artificial Intelligence, Cognitive neuroscience, Semiotics