



Feature-Rich Artificial Intelligence Models and Applications of Cognition

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Message from the Guest Editors

Dear Colleagues,

Artificial intelligence (AI) is a rapidly growing trend within cognitive sciences, with fields such as natural language processing, data mining and cognitive network science quickly revolutionizing how we build models of knowledge processing and understanding.

Feature-rich models are particularly promising, because they can simultaneously merge networks and non-network information among attributes on nodes, categories of connections or dynamic features. Feature-rich cognitive mining can result in the extraction of new knowledge that a classic network, data mining or natural language approaches alone could not highlight.

This Special Issue hopes to attract innovative publications regarding AI-based models grounded in feature-rich representations and of relevance for the investigation or simulation of cognition. In this Special Issue, we wish to include modeling approaches where feature-rich representations of data achieve significant performance boosts that would otherwise not be viable with other approaches or could not be easily interpreted within other modeling paradigms.





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Message from the Editor-in-Chief

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