

## Special Issue

# Cognitive Modeling: Theory, Methods and Applications

### Message from the Guest Editors

The computational modeling of human cognition has emerged as a transformative approach to understanding the complex mechanisms underlying human thought, learning, and behavior. This Special Issue will compile innovative research that bridges theoretical cognitive science with practical applications, focusing on the development, validation, and implementation of cognitive models across diverse domains. As artificial intelligence and machine learning continue to advance, there is an unprecedented opportunity to create more sophisticated and psychologically plausible models of human cognitive processes.

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### Guest Editors

Dr. Bertalan Forstner  
Dr. Luca Szegletes  
Prof. Dr. Ah-Lian Kor

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### Deadline for manuscript submissions

closed (20 February 2026)



## Applied Sciences

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## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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