



From Brain Science to Artificial Intelligence

Guest Editor:

Dr. Shenghua Zhong

College of Computer Science and
Software Engineering, Shenzhen
University, Shenzhen 518000,
China

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submissions:

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Message from the Guest Editor

Dear Colleagues,

From the beginning of the development of artificial intelligence, brain science has played a great role. Several attendees in the Dartmouth summer workshop are brain or cognitive scientists, including the founding father of AI, Dr. Herbert A. Simon.

In this context, this Special Issue focuses on the use of current advances in brain science for supporting the development of artificial intelligence, such as how to use the knowledge of human cognitive systems to enhance intelligent machine systems in practical tasks and also welcomes the study about how to use the AI method to analyze physiological signals. This Special Issue will accept high-quality papers containing original research results and survey articles of excellent merit in (but not limited to) the following fields:

- Computational intelligence
- Physiological signal analysis
- Machine learning
- Neural networks
- Deep learning
- Affective computing
- Brain-computer interface
- Visual sense
- Human-computer interaction





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Prof. Dr. Francisco Chiclana
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Message from the Editor-in-Chief

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Mathematics Editorial Office
MDPI, Grosspeteranlage 5
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