



## Advances and Challenges in Educational Robotics II

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submissions:

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### **Message from the Guest Editors**

Dear Colleagues,

This Special Issue aims to present new innovative approaches to teaching smart robotics and using robotic environments to enhance the learning of science, technology, engineering, and mathematics. We solicit original contributions, which report on the development of robotic environments, implementation of educational robotics programs and competitions, and evidence-based evaluation of their learning outcomes.

Of particular interest are papers in which robotics activities combine design and analysis and involve an exploration of disruptive technologies such as artificial intelligence, Internet of Things, virtual and augmented realities, and 3D printing. The papers are expected to explore learning outcomes of the robotics activities related to the acquisition of knowledge and skills, as well as the development of perceptions and attitudes. The studies can target formal or informal education in universities and schools.

Prof. Dr. Igor Verner

Dr. Antonio Valente

*Guest Editors*





## Editor-in-Chief

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## Message from the Editor-in-Chief

It is my great pleasure to welcome you to our open access journal, *Robotics*, which is dedicated to both the foundations of artificial intelligence, bio-mechanics and mechatronics, and the real-world applications of robotic perception, cognition and actions. The 21st century is the robotics century and intelligent robots will change our lifestyle forever. Let us work together toward the realization of intelligent robots step by step.

It is great fun to create intelligent robots and imagine their practical applications. *Robotics* is now ready to serve you in the long journey towards such a goal.

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