



Advances and Challenges in Educational Robotics II

Guest Editors:

Prof. Dr. Igor Verner

Faculty of Education in Science
and Technology, Technion—
Israel Institute of Technology,
Haifa, Israel

Prof. Dr. Antonio Valente

1. Habilitation at Engineering
Department, UTAD—University of
Trás-os-Montes and Alto Douro,
Vila Real, Portugal
2. INESC TEC—Institute for
Systems and Computer
Engineering, Technology and
Science, Porto, Portugal

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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





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Editor-in-Chief

Prof. Dr. Marco Ceccarelli

LARM2: Laboratory of Robot
Mechatronics, Department of
Industrial Engineering, University
of Rome Tor Vergata, Via del
Politecnico 1, 00133 Roma, Italy

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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Robotics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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