



Advances and Challenges in Educational Robotics

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Message from the Guest Editors

Dear colleagues,

Education nowadays is facing challenges to adapt and keep pace with the fast-changing technological world. The radical digital transformation and massive introduction of robots in industry and everyday life give grounds to speak about entering the era of the fourth industrial revolution. The crisis caused by the Covid-19 pandemic catalyzes the assimilation of remote communication and online learning. These matters necessitate novel pedagogies that will prepare people for the deliberate use of robotic systems and active participation in their development. Therefore, it is urgent to introduce, at all levels of education, teaching robotics, and teaching with robotics in ways that align with the current demands.

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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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