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Mechatronics and Robotics in Future Engineering Education

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Message from the Guest Editor

Dear Colleagues,

Mechatronics and Robotics are well-known technologies that have become very popular in educational contexts. This is mostly motivated because of two main reasons. On the one hand, it is necessary to teach students how to make use of tools and platforms that they will apply in their future work. This can increase their employability and provide them with the proper knowledge background to succeed in the industry.

On the other hand, the use of Robotics and Mechatronics to solve educational problems has been shown to be a very efficient approach, especially because students are not defining a traditional solution but one that they can prove in a physical context. This facilitates developing what is known as 21st-century skills, which is one of the main aims of STEM Education. In addition, this kind of solutions helps to foster engineering and other necessary disciplines in pre-university education.

Dr. Miguel Ángel Conde



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Special Issue



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