



## **CERTIFICATE**

**IX Workshop of Robotics in Education** 

This is to certify that the article **Design and Development of a Manipulator for Educational Robotics** of authors **Alexander Silva, Elias Boas, Aline Silva, Alice Oliveira, Ana Sophia Alves, Felipe Almeida, Joao Vitor Assis e Souza, and Mariane <b>Aparecida Vilas Boas** has been presented at Workshop of Robotics in Education 2018 held in João Pessoa, PB, Brazil, from 6th to 08th of November, 2018.

チャケトろ

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**Organization and Support** 

















