



# TEEM'19

TECHNOLOGICAL ECOSYSTEMS FOR  
ENHANCING MULTICULTURALITY  
LEÓN 16-18 OCTOBER 2019

We, hereby, certify that:

**Kiomi Matsumoto Royo**

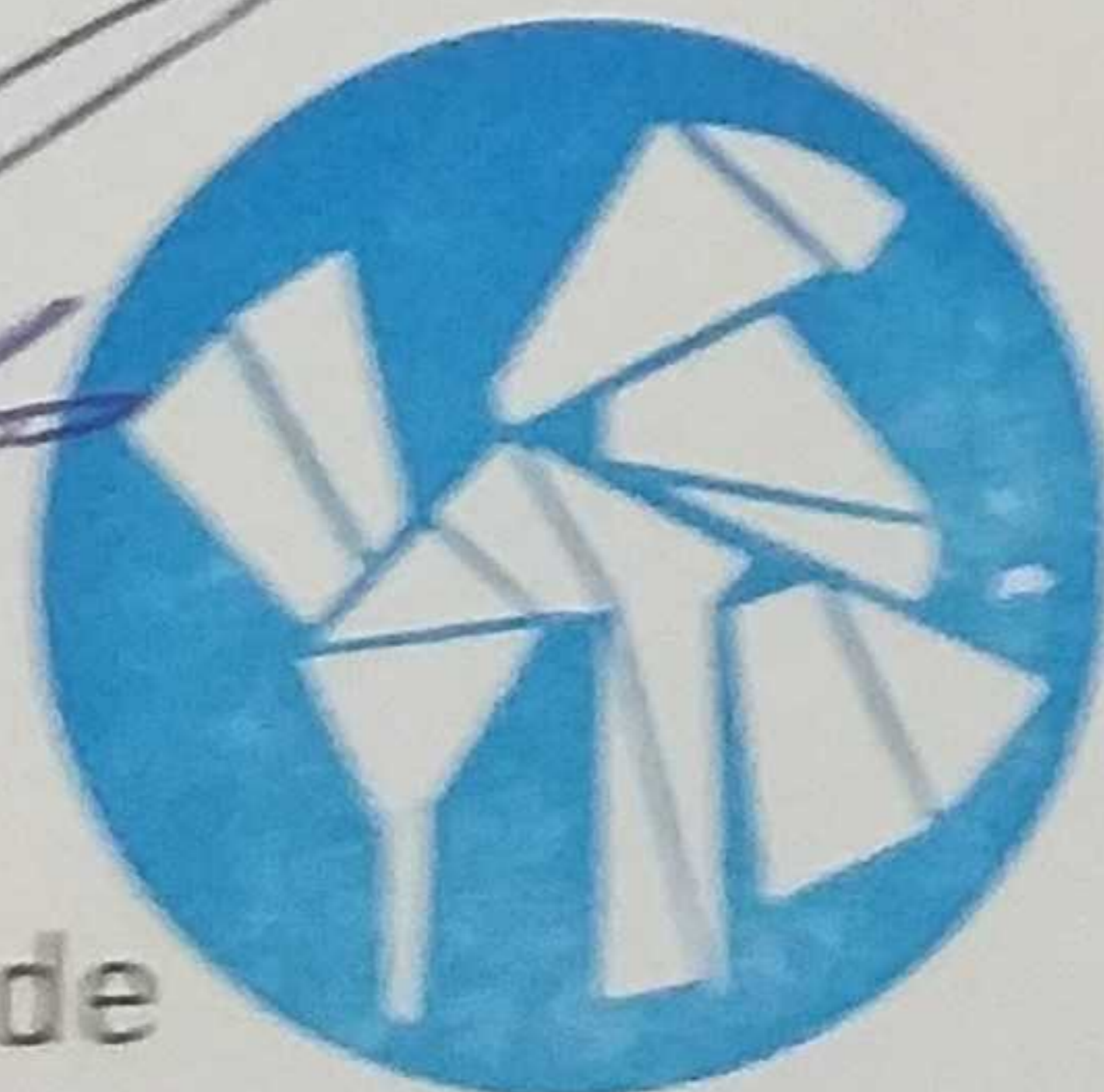
has presented the paper entitled:

**Practice-based teacher education: a literature mapping over the past five years**

at the 7<sup>th</sup> International Conference in Technological Ecosystems for  
Enhancing Multiculturality (TEEM 2019).

The conference has been held in León, Spain, on October 16-18, 2019 and  
organized jointly by the Robotics Group and GRIAL Research Group with the  
support of the University of León.

Signed by:



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Miguel Ángel Conde  
TEEM2019 Conference Chair

