



We, hereby, certify that:

**Elvira G. Rincón Flores**

has as presented the paper entitled:

**Challenge-based gamification and its impact in teaching mathematical modeling**

at the 4<sup>th</sup> International Conference in Technological Ecosystems for Enhancing Multiculturality (TEEM2016).

The conference has been held in Salamanca, Spain on November 2-4, 2016 and organized by the Research GRoup in InterAction and eLearning (GRIAL) and Research Institute for Educational Sciences (IUCE) at the University of Salamanca.

Signed by:

Francisco J. García-Peñalvo  
TEEM 2016 Conference Chair

