

THE MEXICAN SOCIETY FOR ARTIFICIAL INTELLIGENCE (SMIA) AND THE UNIVERSIDAD PANAMERICANA

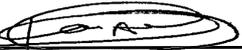


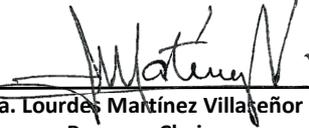
Award this certificate to
Rocío Abascal-Mena

for presentation of the paper entitled
**Sentiment Analysis in #covid19 and #coronavirus Tweets by Using Tidy Data
Principles and a Lexicon-Based Approach**

at the 19th Mexican International Conference of Artificial Intelligence, MICAI 2020.
Mexico City, Mexico, October 12 - 17, 2020.




Dr. Felix Castro Espinoza
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