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# CERTIFICATE

This certificate is awarded to:

Lourdes Ramírez Cerna

in recognition and appreciation of valuable contribution as **oral presentation** with the talk *Emotion recognition using Texture Maps and Convolutional Neural Networks* during the XI Peruvian Symposium on Artificial Intelligence (XI SPIA 2019) held in Arequipa Peru in January 18th 2020.

  
Yván Jesús Túpac Valdivia  
Chair of XI SPIA 2019  


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