



# CERTIFICATE

This certificate is awarded to:

**Josimar Edinson Chire Saire**

in recognition and appreciation of valuable contribution as **oral presentation (Work)** with the talk ***FP-AK-QIEA-R seed to help the convergence of PECO*** during the X Peruvian Symposium on Artificial Intelligence (X SPIA 2018) held in Arequipa Peru from January 7th 2019.

  
Yván Jesús Túpac Valdivia  
Chair of X SPIA 2018

A circular blue seal of the Peruvian Society of Computing (SPC) is positioned to the right of the signature. The seal contains the text 'SOCIEDAD PERUANA DE COMPUTACIÓN' around the perimeter and 'SPC' in the center.