



# CERTIFICATE

Awarded to

Ludwin Lope Cala

for having participated successfully as **Attendee** at the **X Peruvian Symposium on Artificial Intelligence (X SPIA 2018)** held at Universidad Católica San Pablo in Arequipa, Peru in January 7th 2019.

  
Yván Jesús Túpac Valdivia  
Chair of X SPIA 2018

A circular blue ink stamp is positioned to the right of the signature. It contains the text 'SOCIEDAD PERUANA DE COMPUTACIÓN' around the perimeter and 'SPC' in the center.