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This certificate is awarded to:

Dennis Barrios Aranibar

in recognition and appreciation of valuable contribution as **author** with the talk *Local Coordination Diagrams for Collision Avoidance in Multi-Robot Path Planning* during the XI Peruvian Symposium on Artificial Intelligence (XI SPIA 2019) held in Arequipa Peru in January 18th 2020.



Yván Jesús Túpac Valdivia  
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