



UNIVERSIDAD
TÉCNICA DE AMBATO



FACULTAD DE INGENIERÍA EN
SISTEMAS, ELECTRÓNICA E INDUSTRIAL




CSEI₂₂ | IV

CONFERENCE ON COMPUTER
SCIENCE, ELECTRONICS AND
INDUSTRIAL ENGINEERING

THIS CERTIFICATE IS PROUDLY AWARDED

To: **ANTÓNIO ABREU**

for your participation as scientific member of the "IV Conference on Computer Science, Electronics and Industrial Engineering (CSEI2022)" which held virtually in Ambato, Ecuador, from November 7th to November 11th, 2022 and for your participation as reviewer of the papers submitted for the publication of a special for the publication in the Springer book series called Lecture Notes in Networks and Systems (LNNS) indexed in Scopus as part of the publication of the proceedings of this event.


Ing. Carlos Núñez Mg.
Chair of the Conference


MSc. Elsa Pilar Urrutia Urrutia
President of Organizing Committee

