



Universidad Católica  
de Santa María



VICERRECTORADO  
DE INVESTIGACIÓN



Héctor Cardona-Reyes  
Carlos Lara-Alvarez  
Editors

**CITIE 2022**

**INTERNATIONAL CONGRESS OF TRENDS IN  
EDUCATIONAL INNOVATION**

**Universidad Católica de Santa María, Arequipa-Perú  
November 8th to 10th 2022 Proceedings**



Universidad Católica  
de Santa María



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*Editors' addresses:*

CONACYT, CIMAT Zacatecas, 98160, Zacatecas, México  
Center for Research in Mathematics, 98160, Quantum Knowledge City, Zacatecas, Mexico

hector.cardona@cimat.mx, carlos.lara@cimat.mx

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## **Preface**

The International Congress on Trends in Educational Innovation (CITIE-2022) aims to be a space to learn, share, analyze and disseminate trends, research, and practices in educational and technological innovation that are transforming education in the world; connect with experts and world-renowned researchers, identify resources to improve teaching and learning, collaborate with colleagues and institutions on common issues, build joint work agreements and provide recognition to those who innovate their teaching practice.

CITIE-2022 seeks to encourage and facilitate experimentation and innovation among teachers, managers, entrepreneurs, and all those interested in education, bringing them closer to the best national and international experiences, connecting them with experts, and showing them what other educators are doing in terms of educational innovation in different realities.

CITIE-2022 is aimed at students, teachers, authorities, professionals, and the public interested in learning about new trends, technologies, methodologies, research, and practices in educational technologies.

December 2022

The editors.

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