

PROGRAM

INTERNATIONAL CONFERENCE IN INFORMATION TECHNOLOGY & EDUCATIONS - ICITED'26

09, 10 and 11 JULY 2026

Federal University of Bahia

Gran Hotel Stella Maris Urban Resort & Conventions

Salvador da Bahia, Brazil

Time Zone: (GMT-03:00) Salvador

DAY 1: THURSDAY 09 OF JULY - 10:30 TO 19:00	
10:30 - 13:00	Session 1 - Virtual Presentation GENERATIVE ARTIFICIAL INTELLIGENCE IN EDUCATION Chair: Carla Oliveira
ROOM 1 pwd: icited26on	<p>55. The impact of generative Artificial Intelligence on self-education: a systematic literature review <i>Aleksandra Minchenkova; Mikhail Kaliaev; Timofey Smykov; Artem Shaposhnikov; Marcelo Ruiz Toledo</i></p> <p>87. Design and Evaluation of a Generative AI-driven Voice-based Appointment System <i>Joshua Herrera-Díaz; Felix Fernández-Peña; Dennis Chicaiza-Castillo; Marlena León-Mendoza</i></p> <p>104. Artificial Intelligence in Higher Education: A Science Mapping and Critical Review of Generative Era <i>Edwin Peñafiel-Arévalo; Alex Estrada-García; Daniel Banegas-León</i></p> <p>116. Curriculum Design with GenAI in Teacher Education: Emerging Principles of a New Social Contract <i>Luis Mendes Gomes; Francisco Sousa</i></p> <p>117. Towards AI-Driven Validation of Regulatory Submissions using MCP <i>Matías Tite; Félix Fernández-Peña; Lorena Aguirre-Sailema; Marlena León-Mendoza</i></p> <p>190. Generative AI in Higher Education: Comparing Students' and Universities and Polytechnics Members' Uses, Perceptions, and Governance Needs <i>Susana Sá; Milena Carvalho; Susana Martins; Maria João Castro; Ana Branca Carvalho; Ana Teresa B. Guia</i></p> <p>221. The pedagogical potential of artificial intelligence as perceived by teachers: teaching, learning and assessment <i>Isabel Pereira do Cabo; Romeu Sequeira; Pedro Domingues; Luísa Carvalho; Fernando Rebola</i></p> <p>242. Integration of Generative AI in Higher Education Institutions <i>P. Costa; S. Coelho; Oliva M. D. Martins; R. Nacheva</i></p>
ROOM 2 pwd: icited26on	Session 2 - Virtual Presentation ECONOMIC AND SUSTAINABLE DEVELOPMENT STUDIES Chair: Inês Braga
	<p>29. Contribution of textile companies in Tungurahua to local economic development and their contribution to the manufacturing GDP in Ecuador <i>Tania Morales - Molina; Gabriela Guamanquispe; Carlos Borja-Galeas; Gabriel Núñez-Torres; Ximena Morales-Urrutia; Alejandro Chaviano-Quesada; Geri Bucheli-Vásquez</i></p> <p>35. Methodological Contributions for Conducting Focus Groups Based on a Study Related to Corruption <i>Eliana Gallardo-Echenique; Úrsula Freundt-Thurne</i></p> <p>36. Digital Technologies and Internal Control Systems in Accounts Receivable Management: Evidence from Quitto-CorpSA <i>Karla E. Quishpe Morales; Mikel Ugando Peñate; Carolina A. Benítez Figueroa; Yuliana M. Rojas Mora; Reinaldo Armas Herrera; Angel A. H. Gómez; Byron V. Lima Rojas; Andrés W. Herrera Manosalvas; Luis E. Quishpe Morales</i></p> <p>60. Towards a Resilient Economy: The Role of Indicators in Building Sustainable Development in Ecuador <i>Tania Morales-Molina; Alejandro Chaviano-Quesada; Geri Bucheli-Vásquez</i></p> <p>61. Risk management applied to a pipeline MLV, a systemic approach <i>Vladimir Avalos Bravo; Daniel Castro Garrido; Ofelia Karina Avila Ortiz</i></p>

	<p>139. Valorization of Biocultural Resources in the Mancomunidad de las Meliponas (Inter-Municipal Association): Community-Based Tourism, Entrepreneurship, and Sustainability <i>Ingrid Weingärtner Reis; David Santiago Salinas Aleaga; Vania Ribas Ulbricht</i></p> <p>235. Sustainable Management of Smart Tourism Destinations: The Case of Esposende <i>Américo Silva; Catarina Mota; José Fernando Mota; Eusébio Costa; Laurentino Guimarães</i></p> <p>236. Digital Marketing and Regional Identity: A Multiple Case Study in Sustainable Rural Tourism <i>Ana Garcez; Bruna Magalhães; Artur Saraiva; Isabel Borges; Sandra Bras</i></p>
<p>ROOM 3 pwd: icited26on</p>	<p>Session 3 - Virtual Presentation PEDAGOGICAL INNOVATIONS & GAMIFICATION Chair: Firmino Silva</p> <p>70. Pedagogy in Physical Education in Chile: curricular components for professional training in the area of Physical Education: analysis of the Guiding Standards for Careers in Pedagogy in Physical Education and the Curricula of the Careers <i>Moacyr Portes Júnior; Felipe Nicolás Mujica-Johnson; Cristopher Albornoz-Quilodran; Tomás Maldonado-Castillo; Francismara Neves de Oliveira</i></p> <p>76. Digital Innovation and Information Technologies for Adolescent Mental Health in Educational Contexts: A Systematic Mapping Study <i>Luisa Fernanda Acosta-Vergel; Daniella Fortunato Gonzalez-Ariza; Yesenia Areniz-Arevalo; Ana Karina Torrado-Peñaranda; Yurley Medina Cárdenas; Dewar Rico-Bautista</i></p> <p>84. Gamification-Based Pedagogical Approaches for Teaching Computational Thinking: A Systematic Mapping of Educational Literature <i>Jorge Andrés Pacheco Rincón; Jorge Antonio Sequeda Serrano; Mauricio A. Zafra-Aycardi; Dewar Rico-Bautista</i></p> <p>88. Framing the News: Audiovisual Narrative as a Pedagogical Strategy for News Literacy in Communication Student <i>Mariana Avilés Pazmiño; Ángel Matamoros; María José Macías Ruiz</i></p> <p>148. Pedagogical Innovation in Biomechanics Education: An International Collaborative Experience Between Ecuador and Peru Through Gait Analysis and Biomechanical Modelling <i>Victoria E. Abarca; Ana Cecilia Villa-Parra</i></p> <p>180. Digital Transformation in Mozambican Higher Education: Teachers' Perspectives on Inclusion and Pedagogical Innovation <i>Florêncio Faustino; Bruno Gonçalves; Raquel Patrício; Lino Samuel</i></p> <p>181. Work-Based Learning in Hospitality: Integrating Real Hotel Operations into Tourism and Hospitality Education in Northern Portugal <i>Ricardo Lançã; Mónica Santos; Susanne Graaf; Firmino Oliveira da Silva</i></p> <p>232. Ethics and Social Pedagogy in the Training of Portuguese Social Educators: between initial training and continuing professional development <i>Ana Camões; Renata Machado; Cindy Vaz; Rita Valente; Liliana Alves</i></p>
<p>ROOM 4 pwd: icited26on</p>	<p>Session 4 - Virtual Presentation EDUCATIONAL GROWTH: FROM PRIMARY SCHOOL TO UNIVERSITY Chair: Milena Carvalho</p> <p>20. Português como língua pluricêntrica no 2.º ciclo do ensino básico <i>Carla Sofia Araújo</i></p> <p>42. Otimismo em os jovens universitários de Portugal: uma análise das propriedades psicometricas da Lot-R <i>Hugo Miguel Carvalho; Carolina Resende; Ester Jeunon; Otaviano Neves; Ricardo Pocinho; Sónia Casillas-Martín; Francisco Peñalvo</i></p> <p>44. Educational Pathways and Adaptation to Higher Education: Psychosocial Profiles of Students from Vocational and Scientific-Humanistic Secondary Education <i>Hugo Miguel Carvalho; Ricardo Pocinho; Sónia Casillas-Martín; Francisco Peñalvo</i></p> <p>45. Educational Pathways and Transition to Higher Education in Portugal: A Comparative Study of Students from Academic and Vocational Secondary Tracks <i>Hugo Miguel Carvalho; Ricardo Pocinho; Sónia Casillas-Martín; Francisco Peñalvo</i></p> <p>50. Da Territorialização à Smart Education: A Emergência da Carta Educativa de 3.ª Geração em Portugal <i>Luís Lobo; Ana Paula Nápoles; Hugo Miguel Carvalho; Ricardo Pocinho; Francisco Peñalvo</i></p> <p>80. A Technology-Enhanced Approach to Comprehensive Sexual Education: A Systematic Review and Web-Based Educational Proposal <i>Luisa Fernanda Rincon-Ortiz; Jose Alejandro Bermudez-Contreras; Yesenia Areniz-Arevalo; Cesar A. Collazos Ordoñez; Yurley Medina Cárdenas; Dewar Rico-Bautista</i></p>

	<p>90. Digital Inclusion, Intergenerational Experience, and Alignment with the 2030 Agenda: 3D Modeling Workshop with Blender for Children in the Amazon <i>Alcimar Oliveira de Cavalho; Hanane Machado Pereira; Francisco Pinheiro de Carvalho; Iago Costa; Alex De Souza Vieira</i></p> <p>112. El rol de la fonoaudiología en la reinserción escolar de niños con trastornos de la comunicación: un estudio de métodos mixtos en contextos educativos <i>Dayanna Carolina Garate Rugel; Enith Elizabeth Quezada Loaiza; Valeria Sofia Cabrera Loaiza; Kely Andrea Nieto Andrade</i></p>
14:00 - 14:30	Registration Hotel Stella Maris Urban Resort & Conventions
14:30 - 15:00	Welcoming Remarks - Face-to-face Chair: Anabela Mesquita
ROOM 1 pwd: icited26on Auditorium	<p>João Vidal Carvalho, Polytechnic University of Porto & ICITED'26 General Chair (Portugal)</p> <p>António Abreu, Polytechnic University of Porto & ICITED'26 General Chair (Portugal)</p> <p>Francisco Paletta, University of S. Paulo & ICITED'26 General Chair (Brazil)</p> <p>Luís Augusto Vasconcelos da Silva, Director of IHAC / Federal University of Bahia (Brazil)</p>
15:00 - 16:30	Keynote Speakers presentations - Face-to-face Chair: Anabela Mesquita
ROOM 1 pwd: icited26on Auditorium	<p>Alejandro Peña, Ph.D. <i>Full Professor and researcher at EAFIT University's School of Business (Colombia). Distinguished International Associate, Royal Academy of Engineering (UK)</i> Competency-based assessment in experiential learning: an LLM-based agent-mediated approach</p> <p>Ivan Siqueira, Ph.D. <i>Brazilian representative to the CTR Protocol - Mercosur Education (2016-2022). Advisor to the National Council for the Promotion of Racial Equality (2019-2021)</i> Basic Education in Brazil: Challenges and Opportunities</p>
16:30 - 17:00	CoffeBreak
17:00 - 19:00	Session 7 - Face-to-face EDUCATIONAL INNOVATIVE SOLUTIONS FOR ACADEMY Chair: Agostinho Sousa Pinto
ROOM 1 pwd: icited26on Auditorium	<p>41. Mathematics Education as a Language of Innovation, Modeling, and Design in the STEAM Context <i>Alexandre Manuel Batista Trocado; Celina Aparecida Almeida Pereira Abar; José Manuel Dos Santos Dos Santos; Zsolt Lavicza</i></p> <p>54. Interaction Between Universities and Employers as a Key Factor in the Quality of Graduate Education <i>Lidia Minchenkova; Fernanda Aracelly Núñez-Naranjo; Diego Escobar-Bermudes; Natalia Conejero Riquielme; Jorge Kornfeld Neumann</i></p> <p>58. Data-Driven Tourism Intelligence for Coastal Destination Management: Evidence from Intra-Seasonal Visitor Analysis <i>Mariuxi Bruzza; Lizandro Molina; Carlos Piguave; Amparo Cabrera; Leydy Cevallos; Diego Guzman</i></p> <p>72. Gender inequality in STEM academic pathways: institutional closure in the transition to academia <i>Natalia Conejero-Riquelme; Mauricio Carvache-Franco; Valentina Jeldes-Aravena; Orly Carvache-Franco; Wilmer Carvache-Franco</i></p> <p>74. Método didactico "memo" para realizar la cuadratura de un círculo <i>Marco Vásquez</i></p> <p>83. The application of artificial intelligence in education: Present and future <i>Mauricio Carvache-Franco; Natalia Conejero-Riquelme; Orly Carvache-Franco; Wilmer Carvache-Franco</i></p>

	<p>113. The Impact of Authentic Audiovisual Materials on Listening Comprehension and Strategic Competence in EFL University Students at UTB <i>María José Sandoval Pérez; Silvia Elizabeth Morales Morejón; Mauricio Carvache-Franco; Daniel Fabricio Contreras Moscol; Orly Carvache-Franco; Wilmer Carvache-Franco</i></p>
<p>ROOM 2 pwd: icited26on</p>	<p>Session 8 - Virtual Presentation EDUCATIONAL CHALANGES WITH ARTIFICIAL INTELLIGENCE Chair: Luciana Oliveira</p> <p>30. Green-by-AI and Green-in-AI: A Systematic Review of Artificial Intelligence for Sustainability in Higher Education <i>Agostinho Sousa Pinto Agostinho Sousa Pinto; António Abreu; Manuel Pérez Cota; Jerónimo Paiva Reis de Sousa Barbosa; Md. Sakib Biswas</i></p> <p>40. Artificial Intelligence in Higher Education: Exploring a Pedagogical Framework for Responsible Use through a Design Thinking Approach <i>Rui Alexandre Castanho; Joana Nobre; Ana Cordeiro; Cecilia Mateos; Paulo Nunes; Soraia Marino</i></p> <p>98. Exploring Student Learning and Development through Artificial Intelligence: An Experience Report on a Pilot University Elective Course <i>Steven Moore; Túlio Nogueira</i></p> <p>123. Designing a Reflective AI Agent for Teachers' Pedagogical Decision-Making <i>Ana Rute Martins; Gina C. Lemos</i></p> <p>185. Internal Communication, Artificial Intelligence and Employee Engagement: a methodological proposal <i>Rodrigo Valente; Adriana Oliveira; João Paulo Oliveira; Teresa Nogueiro; Marta Félix</i></p> <p>204. Advanced Statistical and Artificial Intelligence for Intelligent and Reliable e-learning systems in higher education mathematics <i>Carla Martinho; João Geraldês; Sofia Rezio</i></p> <p>213. Artificial Intelligence in Chilean Higher Education from a Gender Perspective: Student Perceptions in Teacher Education Programs <i>Alicia Contreras Mu; Ignacio Santander Reveco; Felipe Mujica Johnson</i></p> <p>222. The use and reported acceptance of artificial intelligence by teachers in an educational context: a descriptive study <i>Isabel Pereira do Cabo; Romeu Sequeira; Pedro Domingues; Luísa Carvalho; Fernando Rebola; Alan Fonseca</i></p>
<p>ROOM 3 pwd: icited26on</p>	<p>Session 9 - Virtual Presentation UNIVERSITY-INDUSTRY COLLABORATION Chair: Paulino Silva</p> <p>75. Impacto de la facturación electrónica en el cumplimiento tributario en empresas de Quito <i>Stefany Fernanda Sánchez Morillo; Sandy Gabriela Simbaña Muzo; Deicy Daniela Tenezaca Paspuezán; Andrés Ramos Álvarez; Paúl Baldeón Egas</i></p> <p>85. Academic Strategies and Learning Needs in Colombian University Students: A Systematic Literature Mapping <i>Stefanny Ximena Paez Bayona; Juan Jose Garcia Torres; Byron Cuesta Quintero; Dewar Rico Bautista</i></p> <p>103. Ausencia estudiantil en clases virtuales universitarias: factores asociados en estudiantes de contextos vulnerables <i>Ruben Jeronimo Yedra; Kristian Armando Pineda Castillo; Juana Magnolia Burelo Burelo; Maria Alejandrina Almeida Aguilar; Jose Luis Gomez Ramos</i></p> <p>105. Search Engine Optimization and Copywriting Strategies in the Automotive Industry <i>Margarida Forte; Luciana Oliveira; Inês Pereira; Manuel Silva</i></p> <p>167. Entrepreneurial Intention of University Students in Paraguay <i>Juan Carlos Armijos; Katherin Arrua; Vera Voitova; Jesus Juyumaya; Germán Rojas</i></p> <p>189. A Hybrid AI-Based Chatbot for Enhancing University Service Delivery <i>Hamid Gueddes; Firmino Oliveira da Silva; Jorge Duque</i></p> <p>191. Perceptions of a Community Engagement Program with Women Entrepreneurs: A Perspective from University Business Education <i>Erik Escalona; Natalia Conejero; Juan Carlos Armijos</i></p> <p>200. Impact of Investment and CEO Gender on the Labor Efficiency of Higher Education Institutions <i>Cláudia Pereira; Paulino Silva</i></p>

DAY 2: FRIDAY 10 OF JULY - 08:30 TO 23:00

08:30 - 10:30	Session 10 - Face-to-face RESEARCH IN DIFFERENT SCIENTIFIC AREAS Chair: Ana Paula Macedo
<p>ROOM 1 pwd: icited26on</p> <p>Auditorium</p>	<p>18. Training Technicians and Decision-Makers for Climate Action Implementation: An Advanced Educational Framework for Operationalizing the European Green Deal in Low-Density Regions <i>Rui Alexandre Castanho; Luís Loures; Fernando Rebola; Paulo Ferreira</i></p> <p>24. GIS software applications in wind energy: emerging technological landscape <i>Lina Ballesteros; Juan Esteban Garcia; Paola Noreña; Liliana Gonzalez</i></p> <p>114. An interpretative framework for the intangible heritage in education <i>Teresa Borges Tiago; Sonia Avelar; Flavio Tiago</i></p> <p>135. Working Capital Management and Value Creation in the Portuguese Supermarket and Hypermarket Sector: Evidence from a Panel Data Analysis <i>António B. Fernandes; Jessica Ferreira; Sofia Cardim</i></p> <p>153. Transformations in the Administrative Labour Market: A Sociological Analysis of Human Replacement by AI <i>Carla Oliveira; Mariana Simões; Alzira Garcia; Anabela Mesquita</i></p> <p>195. eSaúde na Promoção da Literacia após Enfarte Agudo do Miocárdio <i>Ana Paula Macedo</i></p>
<p>ROOM 2 pwd: icited26on</p>	<p>Session 11 - Face-to-face RESEARCH IN DIFFERENT SCIENTIFIC AREAS Chair: Maria José Angélico</p> <p>28. Mapping Power, Transparency and Institutional Accountability: A Critical Bibliometric Analysis of Corruption Research in Strategic Public Sectors (2019–2025) <i>Mikel Ugando Peñate; Pablo R. Yopez Garces; Francisco X. Jácome Freire; Freddy I. Samaniego Apolo; Reinaldo Armas Herrera; Angel A. Higuerey Gómez; Pierina D'Elia Di Michele; Byron V. Lima Rojas; Elvia R. Inga Llenez</i></p> <p>48. Fuel Subsidy Reforms in Ecuador and competitiveness: A Machine Learning Approach <i>José L. Espín López; Mikel Ugando Peñate; Mishell A. García Acosta; Ángel R. Sabando García; Nixon T. Romero Quevedo; Angel A. Higuerey Gómez; Reinaldo Armas Herrera; Byron V. Lima Rojas; Andrés W. Herrera Manosalvas</i></p> <p>52. An Agentic Retrieval-Augmented Generation Assistant for Object-Oriented Programming Courses <i>Wilson Soto</i></p> <p>102. Peruvian national identity traits among football fans in the campaign “It’s No Coincidence” <i>José Curay-Saravia; Eliana Gallardo-Echenique</i></p> <p>165. Desafíos y Oportunidades en la Formación interdisciplinar: Análisis de una Experiencia de Aprendizaje Virtual en Inteligencia Artificial para el Sector Salud <i>Gloria Isabel Toro Córdoba; Fanny Constanza Fanny Constanza</i></p> <p>175. Personal Finance Analysis and Visualization with Dash and Pandas <i>Isabel Lopes; Pedro Oliveira Pedro; Milena Carvalho; Ana Camarinha; Ana Branca Carvalho; Maria João Castro</i></p>
<p>ROOM 3 pwd: icited26on</p>	<p>Session 12 - Virtual Presentation THEACHING STRATEGIES Chair: Helena C. Oliveira</p> <p>17. Immersive Learning in Civil Engineering: A Virtual Tool for Teaching Roadway Geometric Design through 3D Modelling and Interactive Visualization <i>Yasmany García-Ramírez; Marlon Carrión-Martínez; Luis Aguilar; Sebastián Cueva</i></p> <p>51. Neuroeducational teaching practices in school classrooms: A descriptive and correlational analysis based on teacher perceptions <i>Valeria Cabrera-Loaiza</i></p> <p>64. Teachers’ perspective on learning Differences and Technology- Supported Inclusive education in Rural Classrooms <i>Rovina Mariam Jose; Dr Hemalatha T; Dr. V. S. Kochukrishna Kurup</i></p> <p>65. Teachers’ perceptions of neuroeducation: a new paradigm for the education system <i>Belén Francisca Valdés Villalobos; Mariana Lazzaro Salazar</i></p> <p>131. Hands-On Teaching: Student Perceptions of Instructional Resource Design <i>Romina Narváez; Belén Valdés-Villalobos; Francisco Silva-Díaz</i></p> <p>138. Grasping Climate Change Magnitude through Ratios and Rates: Quantitative Reasoning in Preservice Teacher Education <i>Dario Gonzalez</i></p>

	<p>237. Online teacher training during a health emergency: perceptions and training needs <i>Eusébio Costa; Isabel Cabo; Romeu Sequeira; Ana Camões; Rosa Martins; Catarina Mota; Agostinho Sousa Pinto</i></p> <p>238. Physical Education Teachers' Attitudes and Perceived Difficulties towards the Inclusion of Students with Special Educational Needs: The Role of Specialized Training and Professional Experience <i>José Magalhães Moreira; Joana Costa; Dimas Pinto; Joana Rodrigues Carvalho; João Pascoinho; Aldina Sofia Silva</i></p>
ROOM 4	<p>Session 13 - Virtual Presentation EDUCATIONAL CHALANGES IN COMMUNICATION AND SOCIAL MEDIA Chair: Maria João Castro</p>
pwd: icated26on	<p>141. The use of Musical Animation techniques in the construction of communicative education spaces <i>Luís Filipe Ventura Carvalho</i></p> <p>149. Photographic Narratives on Instagram: Identity and Self-Expression Among College Students <i>Laura-Mariana Orellana-Leyva; María Chávez-Chuquimango</i></p> <p>159. Between Prohibition and Education: The Debate on Social Media in the Digital Society <i>Manuel Meirinhos</i></p> <p>182. The Role of Integrated Communication in Cultural Business Growth: Implementing Strategies at SmartHop <i>Laura Rodriguez; Bruno Sousa; Sónia Nogueira</i></p> <p>183. Dialogic Communication in Digital Retail Platforms: A Methodological Proposal for the Analysis of Continente Online and Continente Feed <i>Maria Diogo; Adriana Oliveira; João Paulo Martins; Dora Almeida; Paulo Ferreira; Fabricio Pelloso</i></p> <p>184. Digital Influencers and Consumers' Purchase Intention on Instagram and TikTok: A Methodological Proposal <i>Francisca Cruz; Adriana Oliveira; João Paulo Oliveira; Fabricio Pelloso; Rui Alexandre Castanho</i></p> <p>197. Strategic role of internal communication in multi-stakeholder innovation projects: Evidence from Nexus Agenda <i>Cláudia Ribau; Sandra Filipe; Bruno Sousa</i></p> <p>211. Digital Communication as a Strategic Driver for Local Commerce Revitalisation: The case study of the Associação dos Comerciantes do Porto <i>Susana Pinto; Leonor Bento; Célia Tavares; António Abreu</i></p>
10:30 - 11:00	<i>coffeeBreak</i>
11:00 - 13:00	<p>Session 14 - Face-to-face ADVANCED STATISTICAL METHODS FOR INTELLIGENT AND RELIABLE E-LEARNING SYSTEMS Chair: Teresa A. Oliveira</p>
ROOM 1	<p>126. Completion in Physics, Chemistry, and Mathematics (PCM) Teacher Education Programs: Evidence from a Logistic Regression Model <i>Giovani Christian Velozo; Carolina Soares Bueno; Luciane Mulazani dos Santos; Teresa A. Oliveira; Amilcar Oliveira; Elisa Henning</i></p> <p>214. An Integrated Statistical Approach to Dropout Risk in Online Education <i>Amilcar Oliveira; Teresa Oliveira; Elisa Henning</i></p> <p>215. Balanced Incomplete Block Designs as a Framework for Experimental Sustainability in Intelligent E-Learning Systems <i>Teresa Oliveira; Elisa Henning; Amilcar Oliveira</i></p> <p>217. A framework for the EWMA models illustrated with examples from Industry <i>M. Filomena Teodoro; Teresa A. Oliveira</i></p> <p>218. Teaching statistics and Generative Artificial Intelligence: a semi-systematic literature review <i>Elisa Henning; Amilcar Oliveira; Teresa A. Oliveira; Carolina Soares Bueno; Olga Maria Formigoni Carvalho Walter</i></p> <p>224. Multicomponent Architecture for Predictive Diagnosis in E-Learning Environments Supported by Generative Artificial Intelligence <i>Geraldo Filho; Amilcar Oliveira; Teresa A. Oliveira</i></p>
Auditorium	
ROOM 2	<p>Session 15 - Virtual Presentation LEARNING METHODOLOGIES AND INNOVATIONS Chair: Ana Ferreira</p>
pwd: icated26on	<p>73. Novelty-Based Learning Experiences and Their Influence on Student Presence <i>Karen Stefany Sandoval-Mora; Laura Magali Chamba-Rueda; María Alejandra Luzuriaga Vasquez</i></p> <p>23. Anxiety and Its Relationship with English Language Learning in Foreign Language Education Students <i>Gabriela Manzur-Vera; Pilar Valeria Zapana-Aguilar; Kevin Mario Laura-De La Cruz; Luz Anabella Mendoza-Del Valle; Miliam Quispe-Vargas; Cynthia Karín Rodríguez-Palumbo; Bianca Belén Rodríguez-Palumbo de Michilot</i></p>

	<p>59. Learning Technical Photography Through Student-Generated Short Videos: Preliminary Results from a Flipped Classroom Approach <i>Alba Fuentes Porto; Ovidia Soto Martín; Cecile Meier</i></p> <p>97. Impact of Challenge-Based Learning on the Development of Professional Competencies in Higher Education Students in the Negotiation and Sales Program <i>Laura Magali Chamba-Rueda Chamba-Rueda; María Alejandra Luzuriaga Vásquez; Karen Stefany Sandoval-Mora Sandoval-Mora</i></p> <p>108. Academic Posters as Active Learning Tools in Tourism and Hospitality Education: A Qualitative Case Study <i>Jorge Marques; Helena Albuquerque</i></p> <p>120. From educational research to the development of educational science <i>Andreea Cozea; Gheorghe-Cosmin Manea</i></p> <p>121. Barriers to Technology Adoption in Adult Education Learning Centres in the Western Cape Province of South Africa <i>Kopano Tilodi; Zilungile Sosibo</i></p> <p>154. Prediction of Digital Competencies with Learning Analytics: A Data-Driven Approach Using Standardised Assessments in Mexican ICT Programs <i>Jorge Lozoya Arandia; Eduardo Gerardo Rosas Gonzalez; Carmen Enedina Rodríguez Armenta</i></p>
<p>ROOM 3</p> <p>pwd: icited26on</p>	<p>Session 16 - Virtual Presentation DIGITAL EDUCATIONAL ENVIRONMENTS Chair: Maria Carlos Lopes</p> <p>56. Assessing Edpuzzle Acceptance in Higher Education Humanities Courses: A Technology Acceptance Model-Based Analysis <i>Pierina D'Elia Di Michele; Franklin Estuardo Guilcapi Vera; Angel Alexander Higuerey Gómez; Reinaldo Armas Herrera; Mikel Ugando Peñate; Ángel Ramón Sabando García; Elvia Rosalía Inga Llanez</i></p> <p>57. Interactive Video and Self-Regulated Learning in Higher Education: Evidence from Edpuzzle in Humanities Courses <i>Franklin Estuardo Guilcapi Vera; Pierina D'Elia Di Michele; Angel Alexander Higuerey Gómez; Reinaldo Armas Herrera; Mikel Ugando Peñate; Ángel Ramón Sabando García; Elvia Rosalía Inga Llanez</i></p> <p>71. Design and Validation of a tool for quality control of AI-generated images in the educational contexts <i>Kevin Ganan; Dennis Chicaiza; Félix Fernandez-Peña; Verónica Pailiacho</i></p> <p>93. Digital device use and postural behaviours in adolescents: a school-based approach to promoting digital literacy <i>Maria Martins</i></p> <p>122. From inventory sheets to storymap: a methodology for the didactic transposition of literary routes and itineraries <i>Maria Mota Almeida</i></p> <p>124. Review of methods for automatic detection of harmful content in digital educational environments <i>Gabriel Trevisan Damke; Isabel Maria Lopes</i></p> <p>129. Digital learning and academic performance in microeconomics: a multimodal comparative study <i>Luis Alfonso Rojas Ojeda; Alex Paúl Ludeña Reyes</i></p> <p>136. Tourism and Hospitality Education: A Perspective on Engagement <i>Luisa Lopes; Marco Martins; Ricardo Jorge da Costa Guerra; Lara Santos; Ana Rita Conde</i></p>
<p>ROOM 4</p> <p>pwd: icited26on</p>	<p>Session 17 - Virtual Presentation CHALLENGES IN HIGHER EDUCATION Chair: Susana Pinto</p> <p>43. Preparação e Aptidão Percecionada no Ensino Superior em Portugal <i>Hugo Miguel Carvalho; Ricardo Pocinho; Sónia Casillas-Martin; Francisco Peñalvo</i></p> <p>82. Micro-credentials as a mitigation strategy for "Educated Unemployment" in Chilean Higher Education: an analysis based on administrative indicators and global Upskilling trends <i>Humberto León; Marisabel Figueroa; Claudio Ruff; Natalia Daries</i></p> <p>130. Organizational Climate and Job Satisfaction: A Case Study in Higher Education in Post-COVID-19 Pandemic Times <i>Emanuel Bohorquez</i></p> <p>134. Digital Tourism Lab: Connecting Higher Education and Innovation Ecosystems for Tourism Digital Transformation <i>Célia Rafael; João Silva; João Costa; Paulo Almeida</i></p> <p>147. Convergences in professional values education: A comparative analysis in higher education across Asia and Eurasia (2018-2025) <i>Sandra Nadyedja Landázuri Espinoza</i></p> <p>173. Restructuring Private Higher Education in Portugal: A Longitudinal Study of Mergers and Acquisitions <i>Maria Elisabete Ferreira Fernandes; Maria de Lourdes Machado Taylor</i></p>

	<p>174. Beyond Public and Private: Legal Status and Ownership as Determinants of Institutional Differentiation in Higher Education <i>Maria Elisabete Ferreira Fernandes; Maria de Lourdes Machado Taylor</i></p> <p>233. Context-Aware Intrusion Detection in Academic Networks: A Supervised Machine Learning Approach with Contextual Feature Engineering <i>Micael Soares; Eusébio Costa; Avelino Pereira; Luís Costa</i></p>
13:00 - 14:00	Lunch - Hotel Stella Maris Urban Resort & Conventions
14:00 – 16:30	<p>Session 18 - Face-to-face ARTIFICIAL INTELLIGENCE IN EDUCATION Chair: Mikel Ugando Peñate</p>
<p>ROOM 1 pwd: icited26on</p> <p>Auditorium</p>	<p>22. Influence of Information Technologies and Artificial Intelligence in the Field of Legal Education: A Literature Review <i>Mikel Ugando Peñate; Pablo R. Yopez Garces; Francisco Xavier Jácome Freire; Freddy Israel Samaniego Apolo; Karla Elizabeth Quishpe Morales; Byron Vinicio Lima Rojas; Reinaldo Armas Herrera; Angel A. Higuerey-Gómez</i></p> <p>115. From Classroom to Enterprise: AI Adoption and Digital Education <i>Flavio Tiago; Teresa Borges-Tiago</i></p> <p>140. Rethinking Learning in the Age of Artificial Intelligence: Cognitive Challenges and the Transformation of Critical Thinking in Higher Education <i>Paola Palomino-Flores; Olenka Palomino-Flores; Orly Carvache-Franco; Klaus Berckholtz</i></p> <p>187. Exploring the Impact of Artificial Intelligence Technologies on Teaching and Education <i>Francisco Paletta</i></p> <p>206. Exploring AI in Public Education: Adoption, Governance, and Organizational Readiness in Portugal <i>José Lopes; Maria José Angélico Gonçalves; Pedro Miguel Alves Ribeiro Correia; Jennifer Elston; Hugo Pinto; Susana Sobral</i></p> <p>119. H.U.M.A.N.I.Z.E. A Four-Stage Model for Ethical Human-Centric LLM-Enabled Adaptive Learning Paths in Higher Education <i>Margarida Afonso; Constantino Martins; Joaquim Santos</i></p> <p>243. Generative AI in Initial Training for Special Education Teachers: An analysis of prompts for mainstream education <i>Vitor Gonçalves; Iasmin Zanchi Boueri; Sabrina Castro</i></p>
<p>ROOM 2 pwd: icited26on</p>	<p>Session 19 - Virtual Presentation RESEARCH IN DIFFERENT SCIENTIFIC AREAS Chair: Inês Veiga Pereira</p> <p>21. Digital Transformation for Small-Scale Guinea Pig Farming: A Laravel-Based Smart Monitoring System with Operational Analytics <i>Santiago D. Quishpe Morales; Elvis F. Quishpe Proaño; Irene M. Revelo Portilla; Laura Rosa Guerra Torrealba</i></p> <p>53. From Training to Publication: Strategies to Promote Research in Civil Engineering Education at UTPL <i>Yasmany García-Ramírez; Liliana Enciso; Pablo Torres</i></p> <p>67. The mediamorphosis of news content; Xavier Echeverría-Maggi; Oswaldo Washington Dután <i>Sandra Maldonado López; María Isabel Posligua Quinde; Marlon Ramírez Rodríguez</i></p> <p>144. Instrumental Genesis in Constructing Three-Dimensional Objects with GeoGebra 3D and Augmented Reality <i>Daysi García-Cuéllar; Mihály Martínez-Miraval; Maria Ivete Basniak; Jesús Victoria Flores Salazar</i></p> <p>162. Dead Internet Theory - Humanity in Offline Mode <i>Helena Sarmento; António Abreu; Luís Sardinha; Milena Carvalho; Ana Paula Camarinha; Susana Martins</i></p> <p>166. Al-Samawal's Method for Polynomial Division <i>Filipe Amaral; Isabel Nogueira</i></p> <p>201. Corporate Social Responsibility – Portugal vs Abu Dabhi <i>Ana Rute Mendes; Carolina Ribeiro; Adalmiro Andrade Pereira; Tânia Teixeira</i></p> <p>202. Metadata as a Mediation Framework: MARC21, OAI-PMH, XSLT and DUBLIN CORE streams at BBM Digital <i>Rodrigo Moreira Garcia; Francisco Carlos Paletta</i></p>
<p>ROOM 3 pwd: icited26on</p>	<p>Session 20 - Virtual Presentation EDUCATION FOR EARLY AGES Chair: Ana Branca Carvalho</p> <p>96. A Comparative Analysis of Citizenship Education Plans in Chilean Schools <i>Karla Campaña; Hugo Tapia</i></p> <p>196. Transferable skills: transition from academia to profession in the field of Information Science <i>Inês Braga; Susana Martins; Milena Carvalho</i></p>

	<p>125. Youth Engagement with Digital Media and Exposure to Online Disinformation: Evidence from a Questionnaire-Based Analysis <i>Célio Gonçalo Marques; Ana Catarina Almeida; António Manso</i></p> <p>205. AURA-T as an Informational Infrastructure for Case Studies in Inclusive Special Education: Data Governance, PAEE and PEI in Recent Brazilian Policy <i>Gabriel Cirino; Felipe Caelles-Fraccaroli; Julia Suniga-Gonçalves; Bruna Castro; Francisco Paletta</i></p> <p>207. A Machine Learning approach to Dropout Prediction in Vocational Secondary Education <i>Guilherme Machado dos Santos; Célia Talma Gonçalves; Maria José Angélico Gonçalves; António José Abreu</i></p> <p>231. The importance of gamification in the context of the Practicum in Primary Education <i>Estrela Paulo; Filipe Couto; Rosa Martins; Joana Torres</i></p> <p>239. Unplugged Approaches to Computational Thinking in Early Mathematics: A Classroom-Based Study <i>Elisa Pimentel, Filipe Couto</i></p>
<p>16:30 - 17:00</p>	<p><i>CoffeBreak</i></p>
<p>17:00 – 19:00</p>	<p>Session 21 - Face-to-face UNIVERSITY-INDUSTRY COLLABORATION Chair: Isabel Lopes</p>
<p>ROOM 1 pwd: icited26on Auditorium</p>	<p>66. Integrating Virtual Reality and Additive Manufacturing for Product-Process Learning in Industrial Eng. Education <i>Pedro Teixeira; Leonor Teixeira</i></p> <p>107. Labour productivity as a performance indicator in the tourism sector in Portugal <i>Luís Cruz; Paula Odete Fernandes; António Borges Fernandes</i></p> <p>118. Action-Oriented professional development Plan for Teaching Receptive Skills in Ecuadorian EFL Settings <i>Heidy Bolivia Matute Campozano; Uvaldo Recino Pineda</i></p> <p>146. TALK FLAP: Design and Development of a Mobile App for Speech-Language Teletherapy in Spanish-Speaking Users Aged 1 to 3 Years with Cleft Lip and Palate <i>Ignacio Salamanca - Garay; Pamela Villegas - Enoch; José Rubio - León; Kevin Torrealba - Barrera; Pablo Arcos - Tobar; Emilio Sagredo - Lillo; Cristóbal Miranda - Olivares</i></p> <p>168. Towards an Inclusive University Campus: Participatory Diagnosis under Human-Centered Design and Guidelines for the Autonomous Orientation of People with Visual Impairments <i>Liliana González-Palacio; Juan José Gómez-Vélez; Ronald Martinod; Isabela Acosta-Pareja; Sofia Acosta-Pareja; María Mercedes Olaya-López; John Mario García-Giraldo; Mauricio González-Palacio</i></p> <p>172. Design and implementation of the feedback module for web Platform SmartFC <i>Fabinton Sotelo Gomez; Julian Eduardo Hoyos; Luis Vejarano</i></p> <p>198. Relational Governance and Inter-organizational Performance: An In-depth Analysis of Trust, Opportunism, and Solidarity in Ecuadorian SMEs <i>Lizbeth Suarez; Ivonne Leon; Roxana Chiquito</i></p>
<p>ROOM 2 pwd: icited26on</p>	<p>Session 22 - Virtual Presentation SOCIAL MEDIA STUDIES IN EDUCATION Chair: Luis Sardinha</p> <p>137. The Industrial Revolution of the Word: LLMs and the Fast-Knowledge on LinkedIn <i>Adriele Marchesini; Elio Carlos Ricardo</i></p> <p>179. Socially Responsible Marketing in the Context of Pet-Friendly Tourism: A Preliminary Contribution to the Cultural Perspective <i>Beatriz Rosendo; Bruno Sousa; Francisco Gonçalves</i></p> <p>186. From Brand to Territory: The Role of Sports in Brand Engagement and Cultural Identity in Barcelos <i>Francisco Fernandes Gonçalves; Bruno Barbosa Sousa; Francisco Barbosa Gonçalves</i></p> <p>203. Media Consumption and Electoral Choice: A Case Study of the 2025 Portuguese Legislative Elections <i>Filipe Antunes; Sara Pascoal; Agostinho Sousa Pinto; António Abreu</i></p> <p>234. Digitalisation and wine tourism: company perceptions of the Dão wine route mobile app <i>Natália Winckler; Telma Alves; José Luís Braga; Maria José Díaz; Pedro Carvalho</i></p> <p>240; Social Workers and Social Educators: Areas of Interprofessional Dialogue <i>Patricia Silva, Isabel Baptista, Ana Camões</i></p> <p>241; Social Marketing: an alternative for inclusion and equity through the co-creation and dissemination of scientific knowledge <i>Oliva M. D. Martins, Ana Sofia Coelho, P. Costa, Dimoni Vicente Ferreira</i></p>

<p>ROOM 3</p> <p>pwd: icited26on</p>	<p>Session 23 - Virtual Presentation EDUCATION STUDIES AND INNOVATIONS Chair: Maria Inês Pinho</p> <p>26. Reminiscence therapy for older adults through facial emotion recognition <i>Laura Guerra-Torrealba; Dulce Rivero Albarran; Bryan Farinango Ipiates</i></p> <p>68. The multiplier effect of gamification on Cultural Heritage awareness <i>Maria Inês Pinho; Sergio Coelho; Sofia Vilhena; Carolina Dias</i></p> <p>69. Creative Writing as an active methodology for identifying market pain points and designing business models: a multiple-case study <i>Dina Baptista</i></p> <p>86. WebQuest-Based Learning in Cultural Management: Integrating Augmented Reality for Pedagogical Innovation <i>Maria Inês Pinho</i></p> <p>109. From Social Science and Humanities Research Findings to Intelligent Design: The Example of the Linguistic Diamond <i>Nathalie Auger; Audilio Gonzalez; Arthur Daigremont</i></p> <p>127. Automatic News Classification Using Transformer-Based NLP: A Literature Review on Deep Learning Approaches for Multi-Label Text Classification <i>João Rodrigues; Isabel Maria Lopes; Davide Dias</i></p> <p>128. Automatic News Classification Using a Fine-Tuned BERTimbau Model: Implementation, Optimization, and Evaluation <i>João Rodrigues; Davide Dias; Isabel Maria Lopes</i></p> <p>209. Behavioral skills, training and professional satisfaction in the School Public Administration: an exploratory study based on ReCAP <i>Marco Ferro; Marta Domingos; Tânia Freitas; Luís Filipe Sardinha</i></p>
<p>ROOM 4</p> <p>pwd: icited26on</p>	<p>Session 24 - Virtual Presentation RESEARCH AND INNOVATIONS Chair: Sandro Carvalho</p> <p>62. Consumer Readiness and Digital Payment Adoption: A Multidimensional Approach Based on TAM and Financial Inclusion in Ecuador <i>Tania Morales-Molina; Oliver Erazo Álvarez; Diana Morales-Urrutia</i></p> <p>89. Use computer vision and body language as prevention strategies by issuing alerts regarding potential instances of criminal activity <i>Freddy Tapia; Jonathan Toapanta; Cristian Idrobo; Johanna Rivera</i></p> <p>95. IoT Device with TinyML for Acoustic Detection of the Aedes aegypti Mosquito <i>Dulce M. Rivero Albarrán; Stalin M. Arciniegas Aguirre; Laura Rosa Guerra Torrealba; Marco A. Muñoz Villareal</i></p> <p>133. Social Engineering in the Evasion of Security Controls in Ecuador <i>Carlos Valdivieso; Marlon Navia</i></p> <p>169. Evaluación temprana de la experiencia de usuario en Sistemas de Información Geográfica para planificación energética: Caso de estudio Vento <i>Liliana González Palacio; Laura Ortiz-Usme; Paola Noreña-Cardona; Gilberto Osorio-Gómez; Mauricio González-Palacio</i></p> <p>208. Health Literacy and Patient Safety: Methodological Proposal for a Systematic Literature Review <i>Matilde Veloso; Adriana Oliveira; Leonor Silva; Paulo Ferreira</i></p> <p>216. Analysis of blockchain technology as a tool for enhancing audit quality <i>María Teresa Cuenca Jiménez; Paquita Esperanza Alvarado Camacho; María Isabel Robles Valdés</i></p> <p>219. Emprendimiento innovador e Industria 4.0: análisis de sus factores determinantes <i>Paquita Esperanza Alvarado Camacho; María Teresa Cuenca Jiménez; Elvia R. Inga Llanez; Reinaldo Armas Herrera</i></p>
<p>20:00 - 23:00</p>	<p><i>Gala Dinner</i></p>

DAY 3: SATURDAY 11 OF JULY - 08:30 TO 17:00

<p>08:30 - 17:00</p>	<p>Social Program - Salvador Tour</p> 
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