

PROGRAM

INTERNATIONAL CONFERENCE IN INFORMATION TECHNOLOGY & EDUCATIONS - ICITED'22
14 and 16 JULY 2022
ESPM Higher School of Advertising and Marketing
Rio de Janeiro, Brazil

Time Zone: Rio de Janeiro

DAY 1: THURSDAY 14 OF JULY - 11:00 TO 19:00	
11:00 - 13:00	Session 1 - (Virtual Presentation) DIGITAL TRANSFORMATION IN THE TEACHING AND LEARNING PROCESS (II DTLP) Chair: Rosa Martins
ROOM 1 Pwd: icited22on	<p>SS02 - Aprender matemáticas jugando. Desarrollo de competencias matemáticas a través de los videojuegos <i>Pilar Ester Mariñoso, Laura Herrero Pérez, Beatriz Ruiz and Antonio Puron</i></p> <p>SS03 - Estudio de las competencias socioemocionales en la etapa de Educación Infantil <i>Noelia Salas Román, Margarita Alcaide Risoto and Carlos Hue García</i></p> <p>SS04 - Professional skills developed in a E@D practicum <i>Rosa Martins, Estrela Paulo, Dulce Noronha-Sousa, Eusébio Costa and João Pascoinho</i></p> <p>SS05 - ICT and the role of educators in the inclusion of children with Autism Spectrum Disorder (ASD) <i>Tânia Silva, Sonia Leite, Rosa Martins, Eusébio Costa, Estrela Paulo and João Pascoinho</i></p> <p>SS06 - The Importance of the Family in Early Intervention Practices Using ICT <i>Mário Faria, Sonia Leite, Rosa Martins, Eusébio Costa, Estrela Paulo and João Pascoinho</i></p> <p>SS08 - Diseño de un instrumento de medición de la competencia emprendedora en la educación universitária <i>Esmeralda Guillén Tortajada and Pilar Jiménez Martínez</i></p> <p>SS09 - Cybersecurity concerns under COVID-19: representations on increasing digital literacy in higher education <i>Justino Lourenço, José Carlos Morais, Susana Sá, Nelson Neves, Figueiredo Fernando and Santos Mário</i></p>
ROOM 2 Pwd: icited22on	<p>Session 2 - (Virtual Presentation) DIGITAL TRANSFORMATION IN THE TEACHING AND LEARNING PROCESS (II DTLP) Chair: Ana Camões</p> <p>SS10 - Active Methodologies in Higher Education: an interdisciplinary project applied to teachers' education <i>Aldina Silva, Joana Cavalcanti, Joana Rodrigues-Carvalho, Joana Nogueira, Ricardo Oliveira and Rosa Martins</i></p> <p>SS11 - INTERDISCIPLINARITY IN UNIVERSITY EDUCATION: APPLICATION TO RESEARCH <i>Joana Costa, Pinto Dimas, Rodrigues-Carvalho Joana, Gonçalves Inês and Silva Aldina Sofia</i></p> <p>SS14 - Desafios do Treinamento Inicial em tempos de pandemia: Experiência de Estágio em Educação Social <i>Ana Camões and Isabel Baptista</i></p> <p>SS15 - The impact of reading habits on school success: perspectives of student and teacher librarians <i>Pedro Lopes, Freitas César, Pascoinho João, Paulo Estrela, Martins Rosa, Gonçalves Sofia, Cavalcanti Joana and Macedo Teresa</i></p> <p>SS16 - The Promotion of Playful Reading – Evaluation by the Participants of the “10 Minutes Reading” Project <i>Ribeiro Cristina, Freitas César, Pascoinho João, Paulo Estrela, Martins Rosa, Gonçalves Sofia, Cavalcanti Joana and Macedo Teresa</i></p> <p>SS17 - Social Education, Professional Knowledge and Deontological Culture - Under construction dynamics <i>Renata Machado and Isabel Baptista</i></p> <p>SS18 - Initial Training in Social Education A Study about Teaching Profiles <i>Cindy Vaz and Isabel Baptista</i></p>

<p>ROOM 3 Pwd: icited22on</p>	<p>Session 3 - (Virtual Presentation) DIGITAL TRANSFORMATION IN THE TEACHING AND LEARNING PROCESS (II DTLP) Chair: Isabel Borges</p> <p>SS13 - The importance of motivating students with Special Needs attending Higher Education in the face of distance education <i>Sónia Leite, Rosa Martins, Eusébio Costa, Dulce Noronha-Sousa and Isabel Borges</i></p> <p>SS20 - Learning in the context of digital technologies: what les-sons can we learn from covid-19 in basic education? <i>Teresa Jesus Correia Paulino Santos, Maria Palmira Alves and Susana Emília Vaz de Oliveira Sá</i></p> <p>SS21 - <i>Canvas RGD Model</i> <i>Miguel Magalhães, Tiago C. Pereira, Eusébio Costa, Agostinho S Pinto, José Luis Braga and Isabel S Borges</i></p> <p>SS22 - <i>DPO Framework for Canvas GDPR model</i> <i>Miguel Magalhães, Tiago C. Pereira, Eusébio Costa, Agostinho S Pinto, José Luis Braga and Isabel S Borges</i></p> <p>SS28 - The technological impact on local tourism: The case of Fafe <i>Catarina Mota, Isabel Borges, José Braga, Sandra Brás, Américo Silva and Sónia Leite</i></p> <p>SS29 - Virtual accessibility to enhance research efficiency: the case of Bolivia <i>Makhabbat Ramazanova, Fátima Matos Silva, Helena Albuquerque, Georgina Chavez, Ing Cynthia Bojanic, Ingrid Orlandrini, Edgar Iñiguez, Jorge Eduardo Fuentes Ávila, Beatriz Margarita Barrera Zuleta, Silvia Marín Guzmán and Susana Uzqueda</i></p> <p>SS31 - Research management and virtual accessibility: the case of Paraguayan universities <i>Fátima Matos Silva, Helena Albuquerque, Makhabbat Ramazanova, José Manuel Silvero, Luciano Román, José Díaz, Carlos Montiel, Jorge Eduardo Fuentes Ávila, Beatriz Margarita Barrera Zuleta and Silvia Marín Guzmán</i></p>
<p>ROOM 4 Pwd: icited22on</p>	<p>Session 4 - (Virtual Presentation) DIGITAL TRANSFORMATION IN THE TEACHING AND LEARNING PROCESS (II DTLP) Chair: Susana Sá</p> <p>SS23 - <i>The (re)invention of pedagogy through digital technologies in time COVID-19</i> <i>Susana Sá, Teresa Santos, Palmira Alves, Ana Noronha, Patricia Silva and César Freitas</i></p> <p>SS24 - <i>The impact of remote teaching in teachers' motivation: in time pandemic COVID-19</i> <i>Joaquim Paulo Lima, Susana Sá, João Pascoinho, Eusébio Costa, Joana Torres and Manuel Trigueiro da Rocha</i></p> <p>SS25 - <i>Digital training and satisfaction in hotel business in Portugal: the case of a hotel in the district of Braga</i> <i>Paulo Cunha, Laurentino Guimarães, Susana Sá, Isabel Borges and Eusébio Costa</i></p> <p>SS27 - <i>Eco-Schools in Higher Education Institutions: Analysing Portuguese Students' Practices and Perspectives</i> <i>Joana Torres, Rosa Martins, César de Freitas, Ana Camões and Isilda Rodrigues</i></p> <p>SS34 - <i>Remote Leadership: a (re)qualification of School Leaders in Portugal</i> <i>Joana Oliveira-Pereira, Susana Sá, João Pascoinho, Laurentino Guimarães, Eusébio Costa and Agostinho SPinto</i></p> <p>SS35 - <i>Understanding the Adoption of Certified Electronic Signature in Portugal</i> <i>Agostinho Sousa Pinto, António Abreu, Eusébio Costa and Jerónimo Paiva</i></p> <p>SS36 - <i>Intervision of School Practice in Educational Context: validation of a focused observation grid</i> <i>Ana Cabral, Antónia Freitas, Paula Freire, Fernanda Macedo, Susana Sá, Joao Pascoinho and Dulce Noronha-Sousa</i></p>
<p>14:00 - 14:30</p>	<p><i>Registration in Villa Aymore - Rio de Janeiro</i></p>
<p>14:30 - 15:00</p>	<p>Welcoming Remarks - (Face-to-face and Virtual Presentation) Chair: Anabela Mesquita</p>
<p>ROOM 1 Pwd: icited22on</p> <p>ESPM Room 1</p>	<p>Alexandre Gracioso, Vice-President of ESPM (Brazil)</p> <p>Cristina Helena Pinto de Mello, Director of Student Success Area of ESPM (Brazil)</p> <p>Manuel Moreira da Silva, President of Porto Accounting and Business School. P.Porto (Portugal)</p> <p>Iván Suazo, Vice-Rector of Research and Doctorates at the Autonomous University of Chile (Chile)</p> <p>João Vidal Carvalho, Polytechnic of Porto & ICITED'21 General Chair (Portugal)</p> <p>António Abreu, Polytechnic of Porto & ICITED'21 General Chair (Portugal)</p>

15:00 - 16:30	Keynote Speakers presentations (Main Room) - (Face-to-face and Virtual Presentation) Chair: Anabela Mesquita
ROOM 1 Pwd: icited22on ESPM Room 1	Alexandre Gracioso , Academic Vice President, ESPM. Higher School of Advertising and Marketing Ana García, Valcárcel Muñoz-Repiso , Director of the Educational Research and Innovation Group, University of Salamanca Dr Patrick Yun , Senior Lecturer, Education University of Hong Kong <i>Ongoing Renewal of the School Curriculum and 21st Century Teacher Education in Hong Kong</i>
16:30 - 17:00	<i>CoffeBreak</i>
17:00 - 19:00	Session 5 - (Face-to-face and Virtual Presentation) ROUNDTABLE DISCUSSION – MEDIA EDUCATION Chair: Cristina Helena Pinto de Mello
ROOM 1 Pwd: icited22on ESPM Room 1	Patrícia Blanco <i>President of the Open Word Institute and member of the Social Communication Council of the National Congress (CCS)</i> Egle Muller Spinelli <i>PhD in Communication Sciences from the University of São Paulo (ECA/USP). leader of the Communication, Digital Literacy and Consumption research group (DIGICOM), and member of the research group COM+ (ECA-USP)</i>
ROOM 2 Pwd: icited22on ESPM Room 2	Session 6 - (Face-to-face and Virtual Presentation) QUALITY IN EDUCATION Chair: Rui Alexandre Castanho 200 - Is There an Economic Bias in Academic Success? <i>Eleonora Santos, Milena Carvalho, Susana Martins</i> 267 - Ingeniería de Software en el desarrollo de tecnologías para el apoyo al diseño curricular: Un mapeo sistemático <i>Aliwen Melillán, Ania Cravero</i> 341 – Assessment of Digital Teaching Skills – Apilot study based on the precepts of DIGCOMPEDU <i>Gustavo de Oliveira Andrade, Sani de Carvalho Rutz da Silva, Manuel Florindo Alves Meirinhos, Alessandra Dutra</i> 397 - International Mobility Flows and COVID-19 Effects: Evidence from Instituto Politécnico de Bragança <i>Isabel Lopes, Luís Pais, Paula Odete Fernandes</i> 400 - Collaborative training: faculty and library combat plagiarism - the case of the Instituto Superior de Contabilidade e Administração do Porto Library <i>Inês Braga, Isabel Santos, Iolanda Valente, António Abreu</i>
ROOM 3 Pwd: icited22on	Session 7 - (Virtual Presentation) EDUCATION FOR KIDS Chair: Milena Carvalho SS30 - Evaluación del programa DigiCraft para el desarrollo de la competencia digital en la infância <i>Ana García-Valcárcel, Sonia Casillas Martín, Marcos Cabezas González and Alién García-Hernández</i> 205 - Tecnologías en Educación Inclusiva para Niños con Trastorno del Espectro Autista: Experiencias de uso en economías en desarrollo <i>Nayeth Solórzano Alcívar, Lenny Párraga Toala, Joel Escala Ramírez, Ericka Ponce Villamar</i> 207 – Gamification in the process of cognitive stimulation in children with down syndrome <i>Eduardo Navas, Alex Caizachana</i> 206 - Dominio docente de las TIC en educación 4.0 para ambientes de virtualidad infantil <i>Nayeth Solorzano Alcivar, Stefanie Noboa Jouvín, Rafael Gómez Salavarría</i> 208 - Tarefas de Adição com Lacunas nos Primeiros Anos de Escolaridade - Em Contexto de Feedback Automático com GeoGebra <i>Idalinda Cunha, José Manuel Dos Santos, Celina Aparecida Abar, Márcio Almeida, Zsolt Lavicza</i> 227 – Web page to promote the values of school coexistence in basic education students <i>Eulalia Beatriz Becerra García, Lucia Fernanda Escobar Mantilla</i> 276 - Aplicación móvil para potenciar el desarrollo psicomotriz de niños entre 3 y 5 años <i>Gerardo Tamo-Vargas, Sofia Peñares-Pillaca2, Olha Sharhorodska, Norka Bedregal-Alpaca</i>

<p>ROOM 4 Pwd: icited22on</p>	<p>Session 8 - (Virtual Presentation) EDUCATIONAL SOFTWARE AND SERIOUS GAMES Chair: Maria João Castro</p>
	<p>237 - Desarrollo de un Software Educativo Matemático para facilitar el aprendizaje de operaciones combinadas <i>Milagros Vega-Colque, Víctor Cornejo-Aparicio, Norka Bedregal-Alpaca, Karim Guevara</i></p> <p>246 - Microcontenidos para niños: una propuesta didáctica como apoyo en la enseñanza de las ciencias naturales en primaria <i>Ruben Jeronimo Yedra, Maria Alejandrina Almeida Aguilar, Eric Ramos Mendez, Gerardo Arceo Moheno, Laura Lopez Diaz</i></p> <p>249 - Validación psicométrica de un instrumento para evaluar la competencia digital, TechAreas <i>Karen Contreras-Espinoza, Juan González-Martínez, Eliana Gallardo-Echenique</i></p> <p>268 - Narrative of videogames, automation of a proposed analysis model <i>Patricia Salvador, Miguel Cobos</i></p> <p>340 - Adaptive Control of a Mobile Robot for Cargo Transportation in Industrial Environments <i>Fidel Guerrero, Karen Proaño, Cesar A. Naranjo, Víctor H. Andaluz</i></p> <p>342 - A Fuzzy Logic implementation to support second language learning through 3D immersive scenarios <i>Leidy Marcela Aldana-Burgos, Paulo Alonso Gaona-García, Carlos Enrique Montenegro-Marín</i></p> <p>353 - App and Classroom instruction for better pronunciation: some results <i>Adelina Castelo</i></p> <p>396 - AR-based resources to train Computational Thinking skills <i>Lázaro Vinícius de Oliveira Lima, Francisco Saraiva, Luis Gonzaga Magalhães, Pedro Rangel Henriques, Alexandre Cardoso</i></p>

<p>DAY 2: FRIDAY 15 OF JULY - 08:30 TO 19:00</p>	
<p>08:30 - 10:30</p>	<p>Session 9 - (Face-to-face and Virtual Presentation) RESEARCH IN DIFFERENT SCIENTIFIC AREAS Chair: Luisa Augusto</p>
<p>ROOM 1 Pwd: icited22on</p>	<p>231 - Cognitive Biases in the Investment Decision Process <i>Patrick Silva, Jorge Mendonça, Luís Gomes, Lurdes Babo</i></p> <p>251 - Influência da Idade na relação com os websites <i>Pedro Manuel do Espírito Santo, Patrícia Milene Azinheira Cardoso, Luisa Augusto, Sara Santos, Adriana Oliveira</i></p> <p>367 - La transformación digital en la educación superior: un análisis de tendencias a partir de un análisis bibliométrico <i>Juan Camilo Patino Vanegas, Eduardo Nicolás Cueto Fuentes, Maria Camila Bermeo Giraldo, Ada Lucia Gallegos Ruiz Conejo, Julio Gonzalez Candia, Regina Mardones Espinosa, Gustavo Adolfo Moreno López</i></p> <p>384 - Portuguese Sports Fans Reaction to Professional Athlete's Activism on Social Media: A Systematic Literature Review <i>Hugo Guedes, João Carvalho</i></p> <p>391 - Graph Databases Assessment: JanusGraph, Neo4j, and TigerGraph <i>Jéssica Monteiro, Filipe Sa, Jorge Bernardino</i></p> <p>418 - PROJECT: Using digital tools for learning: The contributions of MATE PROJECT <i>Adriana Oliveira, Anabela Mesquita, Paulino Silva</i></p> <p>419 - PROJECT: How to manage projects effectively: The contribution of the PRONTO International Project <i>Adriana Oliveira, Paulino Silva, Anabela Mesquita</i></p>
<p>ROOM 2 Pwd: icited22on</p>	<p>Session 10 - (Virtual Presentation) PERFORMANCE IN EDUCATION SYSTEMS Chair: Sara Santos</p> <p>209 - Development of a web-based system to measure, monitor and promote school engagement strategies <i>Mahia Saracostti, Ximena de Toro, Laura Lara, Belén Sotomayor, Andrea Rossi</i></p> <p>229 - Redes Neurais Com Protótipos Para Quantificar Os Determinantes Do Desempenho Académico: Evidências De Um País Europeu <i>Ana Beatriz-Afonso, Frederico Cruz-Jesus, Mauro Castelli, Tiago Oliveira, Catarina Nunes</i></p>

	<p>266 - Robotic Process Automation (RPA) Platforms to Boost Students' Career Readiness <i>Mary Lebens, Roger Finnegan, Mousumi Munmun</i></p> <p>289 - Impact of lecturer training on absenteeism and job performance: Ecuador's higher education institution case <i>Rosa Llerena, Elsa Álvarez, John W. Castro, Nancy Rodríguez, Lucrecia Llerena</i></p> <p>326 - Modelos de gestión de conocimiento en universidades: una revisión sistemática de literatura <i>Gustavo Moreno-López, Lillyana Giraldo, Ledy Gómez-Bayona, Alejandro Valencia-Arias</i></p> <p>327 - COGNICIÓN SOCIAL Y SU RELACIÓN CON EL DESEMPEÑO LABORAL EN INSTITUCIONES UNIVERSITARIAS <i>Santiago Restrepo-Garizabal, David Alberto García-Arango, Jairo Andrés Sastoque, Aura María Vasco-Ospina</i></p> <p>355 - Blockchain and Digital Signature supporting remote assessment systems: A solution approach applied to Higher Education Institutions scope <i>Paulo Victor Dias, Firmino Silva</i></p>
<p>ROOM 3 Pwd: icited22on</p>	<p>Session 11 - (Virtual Presentation) RESEARCH IN TOURISM INDUSTRY Chair: Bruno Sousa</p> <p>203 - Ethics and marketing of social integration in cultural, heritage and educational contexts <i>Zilpa Lovisi Abreu, Bruno Barbosa Sousa, Deibe Fernández-Simo</i></p> <p>204 - The role of the Balanced Scorecard as a differentiating factor for education marketing <i>Ana Catarina Azevedo, Patrícia Quesado, Bruno Sousa, Alexandrino Ribeiro</i></p> <p>336 - Is there a Gender Relationship between Outdoor Activities and Well-Being? Empirical Study in Northern Portugal <i>Alcina Nunes, Maria Isabel Vieira, Paula Odete Fernandes</i></p> <p>337 - The Intervention of Local Authorities on the Management of Outdoor Tourism: The Case of Northern Portugal <i>Paula Odete Fernandes, Patrícia Anjos, Alexandra Correia, Alcina Nunes</i></p> <p>378 - The relationship between Rural Tourism, Sustainable Tourism and Outdoor Activities: A Systematic Literature Review <i>Jessica Ferreira, Ana Cristina Silvério, Márcia F. Vaz, Paula Odete Fernandes</i></p> <p>394 - The use of Mobile Technology in Outdoor Tourism: A Systematic Review <i>Elaine Scalabrini, Alexandra L. Correia, Alcina Nunes, Cláudia Miranda Veloso, Elvira Vieira, Fernanda A. Ferreira, Paula Odete Fernandes</i></p> <p>395 - Using technology in tourism: a twofold supply perspective <i>Hugo A. Sampaio, Alexandra. I. Correia, Carla Melo, Alexandre Silva, Sherouk Shehada</i></p>
<p>ROOM 4 Pwd: icited22on</p>	<p>Session 12 - (Virtual Presentation) RESEARCH IN DIFFERENT SCIENTIFIC AREAS Chair: Ana Paula Camarinha</p> <p>291 - Internet Access and Educational Backwardness in the times of COVID-19 Pandemic: Evidence from Mexico's Rural Households <i>Jorge Mora-Rivera, Fernando García-Mora, Noemí Vásquez-Quevedo</i></p> <p>306 - Comunicación e impacto de la ciencia: las iniciativas de universidades ecuatorianas <i>Ketty Daniela Calva Cabrera, Idoia Portilla Manjón, Vanessa Karina Duque Rengel</i></p> <p>319 - Instrumento de evaluación multinivel mediante la simulación. Caso: Estadística descriptiva - área de negócios <i>Maricela Fernanda Ormaza Morejón, Rolando Ismael Yépez Moreira, Irene Marisol Revelo Portilla, Sandra Nadyedja Landázuri Espinoza</i></p> <p>320 - Organizational climate and its importance for organizational success: a literature review <i>Emanuel Bohorquez Armijos</i></p> <p>360 - Diseño del currículo en el contexto del Mobile Learning: un análisis bibliométrico <i>Rosa María Vélez Holguín, Diego Luis Rendón Urrea, Esau Toro Vanegas, Pablo López Tovar, Sergio Gómez Molina</i></p> <p>363 - Relato de experiência do projeto Telecardio Amazonas: capilarização do acesso à saúde <i>Waldeyde Santos, Giovana Duarte, Cassiane Santos, Jacqueline Sachett, Isabela Gonçalves</i></p> <p>390 - The Transition of Television Entertainment Considering the Application of Streaming Platforms – Systematic Review <i>Ana Paula Camarinha, António Abreu, Bárbara Ribeiro</i></p>
<p>10:30 - 11:00</p>	<p><i>Break</i></p>

11:00 - 13:00	<p>Session 13 - (Face-to-face and Virtual Presentation) ONLINE COURSES AND E-LEARNING Chair: Agostinho Sousa Pinto</p>
<p>ROOM 1 Pwd: icited22on</p> <p>ESPM Room 1</p>	<p>SS37 - Competências digitais à distância: Estudo longitudinal nos estudantes do ensino superior <i>Dulce Noronha-Sousa, Ana Costa Rodrigues, Ana Raquel Noronha, Manuel Trigueiro da Rocha, Enrique Vasquez-Justo and Eusébio Costa</i></p> <p>214 - The Impact of an Online Course on Upcycling for Sustainable Development and the Circular Economy <i>Sara Calvo, Andrés Morales, Rui Alexandre Castanho</i></p> <p>215 - Promoting Social Innovation Projects with an Online Course: Creating Global Solutions for Sustainability <i>Sara Calvo, Andrés Morales, Rui Alexandre Castanho, Eleonora Santos</i></p> <p>242 – Education crisis – Digital solutions after covid19 <i>Ana Branca da Silva Soeiro de Carvalho, Nídia Menezes, Susana Fonseca, Miguel Ângelo Mota</i></p> <p>310 - Digital tools and methods to enhance learning: the Digitools Project <i>Maria José Gonçalves, Célia Tavares, Ana Lúcia Terra, Iolanda Valente, Cristina Lopes, Óscar Bernardes</i></p> <p>381 - A Rota do Pescador – Projeto de sustentabilidade e de práticas pedagógicas <i>Milena Carvalho, Susana Martins, Eleanora Santos, Ana Branco Soeiro de Carvalho</i></p>
<p>ROOM 2 Pwd: icited22on</p> <p>ESPM Room 2</p>	<p>Session 14 - (Face-to-face and Virtual Presentation) TECHNOLOGICAL ISSUES IN EDUCATION AND RESEARCH Chair: Alejandro Pena</p> <p>SS26 - Technologies and their Impact on the Leadership and Current Management of Schools <i>Pedro Louro, Susana Sá, João Pascoinho, Laurentino Guimarães, Eusébio Costa, Agostinho Sousa Pinto and Manuel Trigueiro da Rocha</i></p> <p>218 - Developing Computational Thinking in Basic School: Resources from Mathematics Teachers in Portugal <i>José Manuel Dos Santos Dos Santos, Celina Aparecida Almeida Pereira Abar, Marcio Vieira de Almeida, Zsolt Lavicza</i></p> <p>311 - Management of Economic Development and Principles of Environmental Sustainability <i>Gheorghe-Cosmin Manea, Andreea Cozea</i></p> <p>344 - Adoção de Realidade Virtual como Ferramenta de Aprendizado no Ensino Superior <i>Jorge Brantes Ferreira, Carolina Pereira de Castro Freitas, Roberto Pessoa de Queiroz Falcão, Angilberto Sabino de Freitas, Cristiane Junqueira Giovannini</i></p> <p>364 - Tendencias en el uso del marketing digital en el sector turismo: una perspectiva bibliométrica <i>Luis Fernando Garcés-Giraldo, Sebastian Cardona Acevedo, Martha Benjumea-Arias, Arturo Arenas-Fernández, Eulalia Garcia Marín, Alejandro Valencia-Arias</i></p> <p>387 - Introduction to Spatial Data Infrastructures and Web Services. The WMS Display Service and the Geographical Information Metadata <i>José Manuel Naranjo Gómez, Rui Alexandre Castanho, Daniel Meyer</i></p>
<p>ROOM 3 Pwd: icited22on</p>	<p>Session 15 - (Virtual Presentation) PEDAGOGICAL & DIDACTICAL INNOVATIONS Chair: Maria José Angélico</p> <p>236 - Estilos de aprendizaje en la enseñanza virtual síncrona del uso de software educativo <i>Sidanelia Flores-Silva, Victor Cornejo-Aparicio, Norka Bedregal-Alpaca, Klinge Villalba-Condori</i></p> <p>245 - The Commoditisation of Literature Analysed in the Classroom. The Case of Porto's Literary Hotels <i>Sara Pascoal, Laura Tallone, Marco Furtado</i></p> <p>280 - Pensamento reflexivo e aprendizagem experiencial: Maior diversidade de atividades, maior integração de perfis de estudantes <i>Paulo Bogas</i></p> <p>304 - Planificación y producción de cortos científicos como estrategia didáctica para el desarrollo del pensamiento crítico <i>Sidanelia Flores-Silva, Victor Cornejo-Aparicio, Eliana Soledad Castañeda-Núñez, Norka Bedregal-Alpaca</i></p> <p>323 - Estrategias innovadoras para la enseñanza-aprendizaje: una experiencia en las ciencias sociales <i>Jhoana-Elizabeth Paladines-Benítez, María-Fernanda Zumba-Zuñiga</i></p> <p>357 - Perspectives of media competence in communication and journalism careers in the Andean area <i>Abel Suing, Juan Pablo Arrobo-Agila, Verónica González Rentería</i></p> <p>385 - The Game of Words Human Creative Writing against Computer Assisted Writing <i>Joana Alexandra de Sousa e Castro Fernandes</i></p>

<p>ROOM 4 Pwd: icited22on</p>	<p>Session 16 - (Virtual Presentation) ICT AND VIRTUAL LEARNING Chair: Pedro Espírito Santo</p> <p>210 - Digital competencies in teachers of Regular Basic Education in Tacna-Peru <i>Kevin Mario Laura-De La Cruz, Inés Reyna Injante-Córdova, Marisol Isabel Flores-Arocutipa, Ricardo Jiménez-Palacios, Stefany Juliana Noa-Copaja</i></p> <p>223 - Aprendizaje de la lengua extranjera en entornos virtuales <i>Luz Eugenia González Meza, Ligia Maritnez</i></p> <p>233 - Los MOOC como Entornos Virtuales Colaborativos: Una aproximación desde un análisis bibliométrico <i>Orfa Patiño-Toro, Paula Rodríguez-Correa, Andrés Fernández-Toro, Jhon Escorcía-González, Alejandro Valencia-Arias, Alexander Jiménez-Guzmán</i></p> <p>238 - Diseño instruccional para un ambiente virtual de enseñanza-aprendizaje (AVEA): proceso, estructura y validación por expertos <i>Norka Bedregal-Alpaca, Doris Tupacyupanqui-Jaén, Lucy Delgado-Barra, Karim Guevara, Leticia Laura-Ochoa</i></p> <p>243 - Video tutorials as a didactic strategy for the knowledge of Copyright <i>María Alejandrina Almeida Aguilar, Rubén Jerónimo Yedra, Eric Ramos Méndez, Gerardo Arceo Moheno, José Luis Gómez Ramos, Laura López Díaz</i></p> <p>293 - Determinants of the adoption of digital platforms in higher education institutions by students <i>Dália Pires, Nuno Fortes</i></p> <p>368 - Technological Accessibility Plan for Students with Disabilities: An Experience in Inclusive Education <i>Karina Delgado-Valdivieso, Janio Jadán-Guerrero</i></p>
<p>13:00 - 14:30</p>	<p><i>Lunch</i></p>
<p>14:30 – 16:30</p>	<p>Session 17 - (Face-to-face and Virtual Presentation) UNIVERSITY-ORGANIZATIONS COLLABORATION Chair: Ana Branca</p>
<p>ROOM 1 Pwd: icited22on</p> <p>ESPM Room 1</p>	<p>SS7 - Higher Education Dropout in COVID-19 Pandemic Times: Validation of a Student Survey (PSS) <i>Susana Sá, Cândido Gomes, Carlos Ângelo Meneses Sousa, Dulce Noronha-Sousa, João Pascoinho, Agostinho Sousa Pinto and Eusébio Costa</i></p> <p>202 - Business Strategies and University-Pharmaceutical Industry Collaboration <i>Eleonora Santos, Jacinta Moreira, Rui Alexandre Castanho</i></p> <p>284 - Análisis bibliométrico en adopción de logística de entrega de mercancías mediante el uso de drones <i>Luis Fernando Garcés-Giraldo, Martha Benjumea-Arias, Sebastian Cardona Acevedo, Alejandro Valencia-Arias, Camilo Patiño-Vanegas, Olga Padierna, Rafael Antonio Garay Argandoña</i></p> <p>298 - Visión estratégica y compromiso social de las universidades ecuatorianas <i>Juan Carlos Armijos, Ariel La Paz</i></p> <p>SS32 - Interpretando a Teoria Unificada de Aceitação e Uso de Tecnologia sob a ótica de professores de Instituições de Ensino Superior (IES) no Brasil <i>Humberto Ferreira, Agostinho Sousa Pinto, Ueliton Leonídio and Gladistone Afonso</i></p>
<p>ROOM 2 Pwd: icited22on</p>	<p>Session 18 - (Virtual Presentation) QUALITY IN EDUCATION Chair: Luciana Oliveira</p> <p>213 - Mental state equalization for neuroeducation: methodology and protocol for applying electroencephalogram in educational instruments <i>Lucas Prestes, Milton Zaro, Patrícia Silva, Fernanda Aguiar</i></p> <p>217 - Universities as spaces of knowledge creation - going through the test of the pandemic <i>Artieres Estevão Romeiro, Ingrid Weingärtner Reis</i></p> <p>226 - Avaliação da Evolução de Competências Transversais e Técnicas, num Percurso de Formação Profissional: experiência piloto para análise da eficiência dos instrumentos e resultados <i>Helder Pinto, Luís Borges Gouveia, Miguel Trigo</i></p> <p>230 - Herramientas tecnológicas como tendencia en la educación media en tiempos de COVID-19. Revisión teórica <i>Aracelly Núñez-Naranjo, Alexandra Chancusig-Toapanta</i></p>

	<p>235 - Proceso de sistematización de la evaluación del perfil de egreso a partir de la medición y evaluación progresiva y secuencial de los resultados del estudiante <i>Victor Cornejo-Aparicio, Norka Bedregal-Alpaca, Karim Guevara-Puente-De-La-Vega, Sidanelia Flores-Silva</i></p> <p>244 - Determinantes de la deserción universitaria. Análisis de supervivencia <i>Aracelly Núñez-Naranjo</i></p> <p>278 - Quality and practices for Sustainability in Higher Education – An Impact Ranking approach <i>Teresa Nogueiro, Margarida Saraiva</i></p>
<p>ROOM 3 Pwd: icated22on</p>	<p>Session 19 - (Virtual Presentation) UNIVERSITY-INDUSTRY COLLABORATION Chair: Amélia Ferreira da Silva</p> <p>240 - Una mirada comparativa desde los factores sociales que inciden en el emprendimiento post covid: El caso de Ecuador, Chile, Colombia y el Perú <i>Tania Morales, Silvia Llamuca, Gabriel Núñez, Geri Bucheli, Ana Guédez</i></p> <p>241 - La cultura de innovación en empresas ecuatorianas, una oportunidad para ganar <i>Mónica Espinoza Guano, Jorge Alvarez Tello, Juan Ramos Guevara</i></p> <p>274 - Innovation and information technologies in microenterprises in the commerce sector <i>Gerardo Arceo Moheno, Eric Ramos Méndez, María Alejandrina Almeida Aguilar, Rubén Jerónimo Yedra, Martha Patricia Silva Payró, Carlos Mario Flores Lázaro</i></p> <p>287 - Estudio de casos empresariales procedentes de las muestras industriales como resultado del proyecto integrador en la Universidad de Cundinamarca <i>Franklin Montenegro Marín, Elber Nicolás Ramírez Castillo, Érica Fausiya Lancheros Rubiano, Carlos Enrique Montenegro-Marín, Wilson Joven Sarria</i></p> <p>297 - Modelo contextual para identificación de información en instituciones de gran tamaño previo al proceso de construcción del software <i>Oscar Nuñez-Tejada, Víctor Cornejo-Aparicio</i></p> <p>356 - Exploring the role of Emotional Intelligence and Artificial Intelligence on luxury value and customer-based outcomes <i>Sergio Dominique-Ferreira, Helena Gomes, Pedro Quelhas Brito, Catherine Prentice</i></p> <p>374 - Modelo de gestión de transferencia tecnológica y del conocimiento en la universidad <i>Andrés Camilo Leguizamón Pinto, Brayan Steven Pulido Origua, Victor Hugo Medina Garcia</i></p>
<p>ROOM 4 Pwd: icated22on</p>	<p>Session 20 - (Virtual Presentation) LEARNING PROCESSES IN EDUCATIONAL SYSTEMS Chair: Inês Pinho</p> <p>220 - Lyrics Training: An e-learning approach to improve listening skills <i>Jose Naranjo, Veronica E. Martinez, Diego H. Rubio, Paulo C. Torres, Gladys I. Tituana, M. Xavier Lopez</i></p> <p>248 - Pensamiento computacional: programación y robótica para disminuir la discalculia <i>Claudia Cristina Lengua Cantero, David de Jesús Acosta Meza, Maria Angelica Garcia Medina, Rafael Roberto Ruiz Escorcia</i></p> <p>261 - The AmTriangle meta-dataset for playing with Machine Learning <i>Artur Marques, Rafael de Amorim Silva, Filipe Madeira</i></p> <p>262 - Evaluation on Collaborative and Problem-Based Learning - Some Teaching Experiences in Mathematics <i>Joana Paulo, Arianne Pereira, Catarina Lucas</i></p> <p>314 - La educación en tiempos de pandemia: Análisis de Sistemas de Gestión de Aprendizaje (Learning Management System, LMS) <i>Luz María Hernández Cruz, Diana Concepción Mex Alvarez, Julio Antonio Gutiérrez González, Joel Cristoper Flores Escalante, Carlos Manuel Hernández Torres</i></p> <p>349 - A BERT-Powered Writing Assistant for Academic Purposes in European Portuguese <i>Sílvia Araújo, Micaela Aguiar, José Monteiro</i></p> <p>362 - Contribution of social networks in learning: A study in higher education <i>Laura Magali Chamba Rueda, Reinaldo Armas Herrera, Mariuxi Claribel Pardo Cueva</i></p>
<p>16:30 - 17:00</p>	<p><i>CoffeBreak</i></p>

17:00 – 19:00	Session 21 - (Virtual Presentation) TEACHING-LEARNING EXPERIENCES Chair: Inês Braga
ROOM 1 Pwd: icited22on	<p>331 - Diseño e implementación de un curso b-learning para la enseñanza de Matemática Discreta <i>Norka Bedregal-Alpaca, Doris Tupacyupanqui-Jaén</i></p> <p>334 - Mobile Learning como alternativa en la enseñanza de la carrera de radiología e imagenología <i>Francisco Dillon, Daniel Velasco, David Rojas, Marco Quichimbo</i></p> <p>354 - Appreciation of ICT tools in higher education in times of pandemic <i>Pierina D'Elia Di Michele, Angel Higuerey Gomez, Reinaldo Armas Herrera, Félix González Pulido</i></p> <p>369 - Evaluation of the use of ICT tools in higher education student performance <i>Pierina D'Elia Di Michele, Angel Higuerey Gomez, Reinaldo Armas Herrera, Félix González Pulido</i></p> <p>389 - Personal Report of Communication Apprehension - Application and Validation on Portuguese Accounting Students <i>Amélia Silva, Rui Silva, Francisco Carreira, António Abreu</i></p> <p>393 - Diagnóstico e intervención de las necesidades de orientación universitaria: una experiencia de innovación educativa de Aprendizaje Basado en Retos <i>Maria Elvira Aguirre Burneo</i></p> <p>398 - Learning graphics in Supervised Teaching Practice in an educational COVID-19 context <i>Dárida Fernandes, Catarina Moreira, Maria Inês Pinho</i></p>
ROOM 2 Pwd: icited22on	Session 22 - (Virtual Presentation) PEDAGOGICAL & DIDACTICAL INNOVATIONS Chair: Arminda Sequeira <p>239 - Aprendizaje invertido y aprendizaje cooperativo en la asignatura Innovación y Creatividad: Resultados de una experiencia <i>Norka Bedregal-Alpaca, Víctor Cornejo-Aparicio, Sidanelia Flores-Silva, Leticia Laura-Ochoa</i></p> <p>247 - Interactive Application with Motion Comics in The School Bullying Awareness Process <i>Eduardo Navas, Sebastian Armendariz</i></p> <p>281 - Aprendizaje experimental mediante realidad remota en la enseñanza de la ingeniería: Una revisión de literatura <i>Jose Swaminathan, Yurley Medina-Cárdenas, Dewar Rico-Bautista</i></p> <p>286 - Efficacy of The Flipped Classroom Model on Students at Jorge Basadre Grohmann National University of Tacna in English Learning <i>Kevin Mario Laura-De La Cruz, Silvia Milagritos Bazán-Velásquez, Cecilia Claudia Montesinos-Valencia, Miliam Quispe-Vargas, Sam Michael Espinoza-Vidaurre</i></p> <p>290 - Developing the Pedagogical Capacity of English Language Teachers in Regular Basic Education in Tacna Region <i>Domingo Nicolás Pérez-Yufra, Cecilia Rosario del Pilar Mendoza-Gómez, Silvia Milagritos Bazán-Velásquez, Niria Rocío Ticahuanca-Mullo, Kevin Mario Laura-De La Cruz</i></p> <p>294 - MATHematics DIGital Escape Rooms - empowering students <i>Lurdes Babo, Carla Pinto, Jorge Mendonça, Deolinda Rasteiro, Cristina Caridade, Zsolt Lavicza, Eva Ulbrich</i></p> <p>296 – Training routine for electrical power station operations using virtual reality <i>Pablo Teodoro, Leandro Mattioli, Gabriel Cyrino, Alexandre Cardoso, Edgard Lamounier, Emmanuele Zorcot, Daniel Ramos</i></p>
ROOM 3 Pwd: icited22on	Session 23 - (Virtual Presentation) CURRICULUM DESIGN AND INNOVATION Chair: Paulino Silva <p>201 - Education 4.0 Approach for New Careers at Mexico City-IPN <i>Vladimir Avalos-Bravo, Jorge Toro-González, Yaravid García-Pérez</i></p> <p>211 - Educación Física escolar a distancia en pandemia: una perspectiva docente <i>Felipe Mujica Johnson, Ignacio Santander Reveco, Pablo Gajardo Cáceres</i></p> <p>222 - Entrepreneurship learning – applying a revised Experiential Learning Model (ELM) to Cultural and Creative Industries <i>Marília Durão, Sónia Nogueira, Sandra Fernandes, Augusto Neves</i></p> <p>259 - Planning and development of the MOOC-DTS “Digital Tutorial Space”: case study in a University Tuna <i>Bruno Gonçalves, Vitor Gonçalves</i></p>

	<p>277 - “Translanguaging Space” e Dimensões da Cultura na Prática da Arte Visual e Literária: uma análise de caso <i>Siqing Mu, Isabel Margarida Ribeiro de Oliveira Duarte, Lili Han</i></p> <p>283 - Competencias que deben adquirir los ingenieros: percepción de los estudiantes y docentes <i>Anderson Coronel-Rojas, Yesenia Areniz-Arévalo, Dewar Rico-Bautista</i></p> <p>288 - Communication as a democratic strategy in the Republic of Ecuador <i>Arturo Clery, Ana Tapia, Lilibeth Orrala, Lilian Molina, Karla Ortiz, Shirley Huerta, Gabriel Arroba</i></p>
ROOM 4 Pwd: icated22on	<p>Session 24 - (Virtual Presentation) TECHNOLOGIES ISSUES IN DIFFERENT SCIENTIFIC AREAS Chair: Adriana Oliveira</p> <p>212 - Study of the visual variables of the elliptic paraboloid and their representations through digital technology <i>Tito Nelson Peñaloza Vara, Jesús Victoria Flores Salazar, Jorge Luis Vivas Pachas</i></p> <p>232 - Acquiring information for the social organization: the role of social media use and social capital <i>Susana Bernardino, J. Freitas Santos, Pedro Silva</i></p> <p>258 - Aplicaciones móviles para la rehabilitación de pacientes con cáncer de mama <i>Cristian Martinez, Alexandra Martinez, Vanessa Ucles, Marcelo Jenkins, Antonio Badilla</i></p> <p>300 - Incorporación de sensores electrónicos como marcadores de actividad física ocupacional en la promoción del autocuidado <i>Diana Karina López Carreño, Elvis Eduardo Gaona García, Lyda Viviana Gómez Merchan, Carlos Enrique Montenegro-Marín, Franklin Guillermo Montenegro</i></p> <p>324 - Aplicación de las Tecnologías de la Información y la Comunicación (Tics) en el razonamiento jurídico en Colombia, mediante la tasación de la cuota de alimentos por Telederecho <i>José Antonio García Peréañez, Edier Adolfo Giraldo Jiménez</i></p> <p>325 - Estrategias en “Código Rojo” App, para la prevención de la mortalidad y morbilidad por hemorragia obstétrica en el Oriente cercano de Antioquia <i>Andres Felipe Sanmartín Sanmartín, José Antonio García Pereañez</i></p> <p>359 - Automated greenhouse, a multidisciplinary laboratory to develop experiential challenges <i>Lorena Montes-Fonseca, Daniela Gonzalez-Barriga, Dora Hernandez-Narvaez, Luis M. Orona-Dominguez, Gildardo Rosas-Perez, Camilo Lozoya</i></p>
20:30 - 23:00	<i>Gala Dinner</i>

DAY 3: SATURDAY 16 OF JULY - 09:30 TO 14:30	
09:30 - 14:30	Social Program – Rio de Janeiro Tour and lunch