



19th Iberian Conference on
Information Systems
and Technologies

25 - 28
JUNE
2024
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Full Program

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Time Zone: ▼

Tuesday, 25 June 2024

08:00-09:00

Reception (Faculty of Sciences, University of Salamanca)

09:00-10:00

Opening Session

Session Chair: Francisco Peñalvo, Local Organizing Chair & Doctoral Symposium Chair, University of Salamanca, Spain

Vice-Rector of Research, University of Salamanca, Spain

Dean, Faculty of Sciences, University of Salamanca, Spain

Álvaro Rocha, General Chair, ISEG, University of Lisbon, Portugal

Fernando Moreira, Scientific Committee Chair, Portucalense University, Portugal

Ramiro Gonçalves, Workshops Chair, University of Trás-os-Montes e Alto Douro, Portugal

10:00-11:30

Information Technologies in Education

Applying Cognitive Load Theory To Teaching Programming In Elementary Education

Georgi Hristov; Pencho Mihnev; Temenuzhka Zafirova-Malcheva

Identificación de Patrones En Datos de Estudiantes Mediante Aprendizaje Automático

Hernán Alejandro Sánchez Matamoros; Priscila Valdiviezo-Diaz; Daniel Guamán

Designing A Course For Higher Education Based On Learning Outcomes: Case Study of Advanced Databasetopics

Rosa Maria Reis

Otimizar Ambientes Híbridos de Aprendizagem Em Contexto de Português Língua Não Materna: O Contributo da Aplicação Milage Aprender+ No Projeto Re.ma.c.

Mauro Figueiredo; Carla Gonçalves; Teresa Sequeira

Gamification Tools Added To A Digital Educational Platform

Cosmin Striletschi; Vlad Striletschi

Game Jams and Game-Making With A Societal and Cultural Agenda For Youth - A

Knowledge Management and Decision Support Systems

A Preventive Data Analysis Platform For Exploring Mental Health

Gabriel Pestana; Olga Valentim

Alternative To Soluble Bod As A Design Parameter For Facultative Lagoons.

Pedro Mauricio Acosta-Castellanos; Brigid Hiomara Pacheco Garcia; Yuddy Alejandra Castro Ortegón

Intelligent Fatigue Detection System Based On Image Processing

Alfredo Daza Vergaray; José Ramirez Coria; Yohan Alarcón Cajas

La Satisfacción Y Lealtad Estudiantil En La Educación Superior: El Papel de Los Modelos de Sistemas de Gestión Del Conocimiento En La Toma de Decisiones
Claudio Ruff; Cristián Cornejo; Bastián Gutiérrez; Macarena Dehnhardt; Marcelo Ruiz; Alexis Matheu
Massive-Parallel Game of Politicians
Andrew Schumann; Krzysztof Pancierz
Development and Evaluation of A Predictive Model Based On Random Forest For The Early Detection of

Organizational Models and Information Systems

Design and Implementation of A Pid Pressure Control System For A Hydraulic Process

Elizabeth Salazar-Jacome; Wilson Sánchez-Ocaña; Mario Pérez-Cargua; Javier De la Torre-Guzmán

Utilidad Del Sistema Contable En Los Emprendimientos: Quito-Ecuador

william ortega
Performance In The Digital Transformation: A Focus Group Exploration Into Transformation Strategies
Nuno Geada; Bráulio Alturas

Otimização dos Processos de Gestão Industrial Através de Ferramentas Digitais: Diagnóstico dos Processos de Uma Empresa de Fabricação de Materiais Para A Indústria Alimentar
Miguel Rondão; Samir R. Haddad; Bráulio Alturas

Determinantes do Desempenho Das Empresas Portuguesas: Estudo do Setor do Azeite
Maria Elisabete Neves; Beatriz Lopes Cancela; Catarina Alexandra Neves Proença

Software Systems, Architectures, Applications and Tools

Fitting A System of Odes To Data In Python: Select The 'Function' and Run On The Web / From 'Curve_fit' To 'Minimize'

Miguel Casquilho; Pedro Pacheco; Rui Galhano; Ivo Paulo; João Luís Miranda; João Bordado

Information System For The Quantification of The Liquidity Risk Indicator

María Andrea Arias-Serna; jaime alberto Echeverri-Arias; Luis Octavio Rios Silva; Ricardo Andrés Troncoso Sepúlveda; Luis Fernando Montes Gómez

Areas Between Polynomial Curves, and Arcs, For Didactical Computing On The Web (the Internet As A Computing Terrain)

Miguel Casquilho; Cristina Caridade; Jorge Buescu; Rui Galhano

Architectural Framework of Crisp-Dm Based Agricultural Systems For Production Forecasting Using Narx-Ann: A Multiple Case Stud
Hernán Julio Parra Osorio; Jimmy Aurelio

<p><i>20-Year Systematic Literature Review</i> Conceição Costa; Maria Gonçalves; Inês Nunes; Pedro Fernandes</p> <hr/> <p><i>Path Planning Using Approximate Dynamic Programming Based On Data</i> Henry Díaz-Iza; Harold Díaz-Iza; Wilmer Albarracín; Rene Cortijo</p> <hr/> <p><i>Influence of Gamification In The Teaching of Spelling In Middle School Students</i> Liliana Enciso; Jhoana Herrera</p>	<p><i>Infant Mortality: Case Study Hospital Nacional Docente Madre Niño San Bartolomé In Perú</i> José Gonzalo Alegría Jimenéz; José Luis Castillo Sequera; Daniel A. Quinto Pazce; Herly Dilan Rodríguez Vilca</p> <hr/> <p><i>Pet-Ia: Um Serviço de Previsão de Petições Com Inteligência Artificial Na Procuradoria - Geral da Fazenda Nacional</i> Flávio Garcia Praciano; Guilherme Batista Meneses Alves ; Geraldo Pereira Rocha Filho; Daniel de Saboia Xavier ; Gilmar dos Santos Marques; Fábio Lúcio Lopes de Mendonça</p>	<p><i>A Blockchain Review Based On The Scalability Trilemma</i> Carlos Melo; Glauber Gonçalves; Francisco A. Silva; André Soares</p> <hr/> <p><i>O Que Distingue Os Fatores Que Influenciam A Maturidade da Dívida Nos Hospitais Públicos E Privados? O Caso Português</i> M. Elisabete Neves; Ivo Ferreira; Zélia Serrasqueiro; Beatriz Cancela</p>	<p>Rosales Huamani; José Luis Castillo Sequera</p> <hr/> <p><i>Reptile Search Algorithm Applied To Line Follower Robots</i> Williamson Johnny Hatzinakis Brigido; Marcos R. O. A. Maximo; Jose M Parente de Oliveira</p> <hr/> <p><i>Braille Translator A Solution For Printing Textual Content In Different Formats</i> Leila Weitzel; Cassiano Souza Santos; Rafael SILVA RODRIGUES OLIVEIRA</p> <hr/> <p><i>Let's Play With Trash With Sigcol Gamification Stimulating Participation In Recycling Waste</i> Leila Weitzel; Anderson Amendoeira Namem; Leonard Barreto; Andre Gomes; Sthefany Peixoto</p>
<p>11:30-12:00 <input checked="" type="checkbox"/> Coffee-break</p>			
<p>12:00-13:30 <input type="checkbox"/> Computer Networks, Mobility and Pervasive Systems <i>Processos, Comportamentos E Atitudes Perante Um Mundo No Metaverso: Um Estudo de Adoção Tecnológica</i> Carolina Serras; Bráulio Alturas; Tiago Lapa</p> <hr/> <p><i>Classification-Based Technique To Detect Social Engineering Attacks Using Continuous Data Stream Machine Learning Algorithms</i> Admilson de Ribamar Lima Ribeiro; João Marco Cardoso da Silva</p> <hr/> <p><i>Arquitetura Fog Flexible Y Escalable Para Infraestructuras Iot Heterogéneas En Campus Universitarios</i> Lucia Arnau Muñoz; José Vicente Berná Martínez; Carlos</p>	<p><input type="checkbox"/> Health Informatics <i>Evaluating The Usability of An Ai-Powered Application For Tuberculosis Mortality Prediction</i> Maicon Herverton Lino Ferreira da Silva Barros; Daniel Souza Sacramento; Vanderson de Souza Sampaio; Patricia Takako Endo</p> <hr/> <p><i>Intelligent Vital Sign Alerts Based On Context Awareness</i> JORGE GOMEZ; Camilo Parra; Juan Guzmán; Maria Diaz</p> <hr/> <p><i>Medical Devices: A Historical Perspective</i> Stéphanie Monteiro</p> <hr/> <p><i>Design, Development and Usability Study of A Educational Mobile Application Aimed At Parents of Premature Babies</i> Lígia Maria da Costa Canellas Tropiano; Ana Grasielle Dionísio Corrêa; Karina Kelm;</p>	<p><input type="checkbox"/> Human Centered Computing <i>Lealtad Hacia El Uso Del Software de Gestión Por Competencias Gpec. Rol de La Cultura de Calidad Y Experiencia Del Usuario En El Sector Salud.</i> Fabrizio Rosso; Elizabeth Emperatriz Garcia-Salirrosas</p> <hr/> <p><i>Bim Methodology Improved With Vr Technology: Visualization, Interaction and Adjustments</i> Alcinia Zita Sampaio; Raquel Sarmento; Augusto Gomes</p> <hr/> <p><i>Metodología de Evaluación de Accesibilidad Para Plataformas Educativas Virtuales</i> Elisabeth Tapia Colón; Cinthia De Oleo Moreta; Luis Rodríguez Baena</p>	<p><input type="checkbox"/> Knowledge Management and Decision Support Systems <i>Ultra Trail Running Race Arrival Prediction Using Machine Learning</i> Ricardo Pinheiro; Eduardo Marques</p> <hr/> <p><i>A Estratégia Fiscal E A Ideologia Política Nos Municípios Portugueses: Uma Aplicação da Técnica de Boosting</i> Rute Abreu; Filipe Caetano; Francisco Carreira; Ana Clara Borrego; Sara Nunes</p> <hr/> <p><i>A Aplicação do Activity-Based Costing E do Time-Driven Activity Based Costing Nos Portos Marítimos: Scoping Review</i> Ana Costa; Carla Campos; Jorge Martins; Inês Faria; Ana Sousa</p> <hr/> <p><i>Ontomaturity - An Ontology To Support</i></p>

<p>Calatayud Asensi; Francisco Maciá Perez</p> <p><i>Habilidades Y Estrategias Steam: Revisión Sistemática de Literatura.</i></p> <p>Segarra Morales Andrea Katalina; Juca Aulestia José Marcelo</p> <p><i>Sdnw: Sdn Architecture Proposal For Device Management With Openwrt</i></p> <p>Welber Santos de Oliveira; Daniel Gomes Venzi Gonçalves; Georges Daniel Amvame Nze; Fábio Lúcio L. de Mendonça ; Daniel Alves da Silva; Carlos Eduardo Lacerda Veiga</p> <p><i>Mejora de Seguridad Y Monitoreo de La Red de Internet: Una Revisión Sistemática de Literatura</i></p> <p>Henry P. Bermejo-Terrones; Segundo E. Cieza-Mostacero</p>	<p>Silvana Maria Blasovi-Assis</p> <p><i>Analyzing The Stain Decay Coefficient In Vr Perimetry: A Comprehensive Study Using P2d Point Distribution and Duration Analysis</i></p> <p>Eduardo Poffo Medeiros Dias; Renan Otvin Klehm; Rudimar L. Scaranto Dazzi; Anita M. da Rocha Fernandes; Wemerson Delcio Parreira; Luis Augusto Silva</p> <p><i>Health Literacy of The Polytechnic of Leiria Students'</i></p> <p>Rita M. T. Ascenso; Sara Simões Dias; Dulce Gonçalves; Luís Luís</p> <p><i>Machine Learning Approach For Short-Term Prediction of Active Insulin and Blood Glucose Levels</i></p> <p>Daniel Francisco; António Miguel Rosado da Cruz; Jorge Ribeiro</p>	<p><i>Enabling Tourism 5.0: How The New Digital Era Can Facilitate The Development of Accessible Tourism</i></p> <p>Pedro Teixeira; Leonor Teixeira; Celeste Eusébio</p> <p><i>Vibrotactile Mock-Up Designed For Visually Impaired People To Follow Football Matches In Real Time</i></p> <p>Ana Grasielle Dionísio Corrêa; Gabriel Belapetravicius Dias; Raphael Gueleri Kalaes; Bruno da Silva Rodrigues; Ana Paula Gonçalves Serra</p> <p><i>Implementación de Un Laboratorio Virtual Forense Con Realidad Mixta</i></p> <p>Jonathan Stalin Herrera-García; Celia Paola Sarango-Lapo; Marlon Agustín Carrión-Martínez; Jennifer Samaniego-Franco</p> <p><i>Cinematic Virtual Reality As Trigger For Storytelling and The Stimulation of Oral Communication Competencies: An Exploratory Study</i></p> <p>Francisco Reis; Rui Raposo; Pedro Reinho</p>	<p><i>Cultural Aspects of Digital Transformation</i></p> <p>William Barros; Cleyton Rodrigues; Wylliams Santos</p> <p><i>Automatic Detection of Fish and Vessels Using Bioacoustic Analysis Based On Computational Intelligence</i></p> <p>Manuela Ospina; Eduardo Romero; Claudia Isaza</p> <p><i>Análise Preditiva Na Segurança Social: O Futuro da Tomada de Decisões Eficientes</i></p> <p>Cláudia Matos; Paulo Pereira; Rodrigo Pereira; Isabel Pedrosa</p> <p><i>Importance of Ethical Use of Generative Artificial Intelligence In Academia</i></p> <p>Hugo Andrade; Isabel Pedrosa</p>
<p>13:30-15:00 <input checked="" type="checkbox"/> Lunch</p>			
<p>15:00-17:00 <input type="checkbox"/> Architecture and Engineering of Construction</p> <p><i>The Use of Geotechnologies For Assessing and Monitoring Slope Stability: A Case Study</i></p> <p>Juan Luis Rodriguez Somoza; Alex Alonso Díaz; Erik Rúa Fernández; Maria Mercedes Solla Carracelas; Francisco Javier Prego Martínez; Ruben Caride Coello</p> <p><i>Introduciendo Mecanismos de Seguridad En Openfog Para Construir Edificios Inteligentes</i></p>	<p><input type="checkbox"/> Information Technologies in Education</p> <p><i>Readspeaker Como Estrategia Para Disminuir El Índice de Reprobación Estudiantil: Experiencia Utpl</i></p> <p>Luis Eduardo Ríos Castillo; Yomara Paulina Jiménez Flores; María Carolina Espinosa Maldonado; Katherine Patricia Rueda Ordóñez; Andrea Patricia Loaiza Peña</p> <p><i>Design Thinking da Plataforma Blackboard</i></p> <p>MARCELO MENDONCA TEIXEIRA; Cristiane</p>	<p><input type="checkbox"/> Organizational Models and Information Systems</p> <p><i>Auditoría Seo. Caso de Estudio: Organismos Gubernamentales de Latinoamérica Encargados de La Promoción Turística</i></p> <p>Rosario Puertas-Hidalgo; Britny Tejada-Torres; Lilia Carpio-Jiménez; Karen Valdiviezo-Abad</p> <p><i>Uso da Informação Orçamental E Financeira No Processo de Tomada de Decisão. O Caso Das Autarquias Locais Em São Tomé E Príncipe</i></p>	<p><input type="checkbox"/> Software Systems, Architectures, Applications and Tools</p> <p><i>Gesture Recognition-Based Multimedia Control In Automotive Systems: A Novel Approach</i></p> <p>Ruan Castro; Alissia Lima; Francisco Medeiros; Juliana Medeiros; Cleberson Santos; Frederico Scoralick</p> <p><i>Balancing Innovation and Responsibility In Ai: A Roadmap For Developing A</i></p>

Imanol Martín Toral; Isidro Calvo; Eneko Villar; José Miguel Gil-García; Oscar Barambones; Estibaliz Apiñaniz	Domingos de Aquino Teixeira; Álvaro Rocha	Amélia Pires ; Paula Fernandes; Maura Amaro	Framework For The Eu Ai Act
<i>Revolutionizing Industrial Maintenance: Virtual and Augmented Reality Meets Digital Twin</i>	<i>An Investigative Evaluation In Indian Educational Institutions of Business Ethics and A Metaverse Business Model</i>	<i>Utilidade Reconhecida Aos Sistemas de Informação Contabilística. A Perspetiva dos Contabilistas Certificados</i>	Anacleto Correia; Antonio Gonçalves; Pedro Águas
João Miranda; André Costa; Luís Romero; Pedro Miguel Faria	Dr. Supriya Lamba Sahdev; Dr. Chitra Krishnan; Dr. Kiran Nair	Amélia Pires; Paula Fernandes; Andreia Sobral	<i>Efficient Exploration In Unknown Environments: An Adaptive Multi-Agent Approach</i>
<i>Smart Energy: Sustainability, Interoperability and Cybersecurity</i>	<i>Educational Transformation Through Ai. Mapping of Published Initiatives.</i>	<i>Model of An Information Security Management System For Microenterprises</i>	Daniel Soto; Wilson Soto
Silvino Santos; Paulo Costa; Alexandra Borges	Alejandro Iglesias Dávila; David Fonseca Escudero; Javier Herrero Martín; Inmaculada Pallejà Masi	Francisco Xavier Jurado Pruna; Erika Sofía Escobar Redín	<i>Blockchain Networks To Guarantee Effective Citizen Data Sovereignty In Chat Applications</i>
<i>Sistemas de Informação Na Construção Em Portugal - 20 Anos de Contribuição do Pronic</i>	<i>Pedagogical Tool of Pictographic Reading For Children of First Year of Basic Education.</i>	<i>Observatory of Extension and Research Projects: A Perspective In The Light of The University of Pernambuco - Upe</i>	Borja Bordel; Ramón Alcarria; Tomás Robles
Yanh Ribeiro; Jorge Teixeira; Hipólito Sousa	Tania Borja; Verónica Tapia; Raúl Cárdenas; Mayk Landeta; Franklin Tandalla; Marcelo González	<i>Non-Governmental Organisations and Innovation In The Fish Productive Chain: Combining The Lenses of The Sustainability Balanced Scorecard and Information Systems</i>	<i>Ep-Bast: Ensemble Predictive Time Budget Allocation For Software Testing</i>
<i>Sistema de Monitoreo Y Control Para La Eficiencia Energética En Redes Eléctricas Mediante Tecnología Lora</i>	<i>Concepts, Components, Frameworks and Limitations of Gamification In Education: Systematic Literature Review</i>	José Ferreira dos Santos Júnior; Ivaldir Honório Farias de Júnior	Ingrid Marçal; Rogerio Eduardo Garcia
Edgar Vivanco; Milon Ortiz Roa; Edgar Gonzalez; Jonathan Cahuasqui	Stephen Oguta; Sunday Ojo; Benard Maake	<i>Uball - Automata Learning Lab</i>	Rúdi Gualter de Oliveira; André Maciel Sousa; Mara Pinto; Nuno Almendra e Viana; António Jorge Morais
<i>Optimization of Central America Maritime Logistics Using Multifactorial Evolutionary Algorithm</i>	<i>Explorando La Eficiencia de La Titulación Oportuna En La Educación Superior Latinoamericana: Un Enfoque Analítico</i>	<i>Communicating Sustainability Through The Adoption of The Sdgs: Evidence From The Reporting Systems of European Companies</i>	<i>A Systematic Approach To Build A Corpus From Online Information: The Case of Ukrainian War</i>
Luis Loo	Francisco Xavier Jurado Pruna; Erika Sofía Escobar Redín; Iveth Carolina Proaño	Joaquim Leite; Cecília Carmo; Danilsa Almeida	Ana Rita Miranda Rosendo; Cristiana Araújo; Pedro Rangel Henriques
<i>Predictive Modeling of Traffic Accidents: An Approach To Urban Safety In Honduras Using Lstm In Clustered Subgroups</i>	<i>Integral Calculus Applications To Find Areas Between Polynomial Curves: (re)solved On The Web</i>	<i>Integrating Sustainability, Balanced Scorecard and Accounting Information Systems: A Case In The Automotive Components Industry</i>	<i>Abordagem Multidimensional Para Detecção de Fake News Utilizando Ensemble Learning</i>
Luis Loo; Herlan Vindel; Carlos Villalvir; Jonathan Sevilla	Cristina Caridade; Miguel Casquilho; Veronica Pereira; José Alexandre Martins	Cecília Carmo; Joaquim Leite; Inês Chaves	Edinaldo Junior; Fernando Neto
<i>Conceptualización Del Prototipo Del Gemelo Digital Del Teatro Nacional de Costa Rica</i>		<i>Using Websites To Disclose Information On Human Capital: An</i>	<i>Análise dos Parâmetros da Yolov8 Na Eficiência da Identificação de Reatores de Núcleo de Ar A Partir de Imagens de Subestações de Energia.</i>
Jose Pablo Bulgarelli-Bolaños; Natalia Cordero-Villalobos			Leandro Sena Zuza; Alexandre Cardoso; Edgard Lamounier; Daniel Caetano

Experiencias de Gamificación En La Enseñanza de La Arquitectura En Costa Rica
 Andrea Avila

Lms In B-Learning and E-Learning Teaching In Information Technology Engineering Subjects
 Liliana Enciso

Exploratory Study In The Portuguese Banking Sector
 Cecília Carmo;
 Joaquim Leite; Beatriz Lima

17:00-17:30

Coffee-break

17:30-19:00

Human Centered Computing
Interactivemarketviz: An Interactive Visualization Tool For Financial Data Analysis and Informed Investment Decision-Making
 Marcos Freire; Duncan Ruiz; Isabel Manssour

Las Generaciones Y La Reserva de Alojamiento Por Internet En Una Mype de Alojamiento Del Perú
 Julio Ernesto Quispe Rojas; Julio Enrique Quispe Tuesta

Usability of The Brazilian Federal Government's E-Processing Software
 Sinval Ferreira;
 LETICIA LOPES LEITE

Booklets For Fostering Education On Digital Accessibility In Brazil
 Amanda Marques;
 Reinaldo Ferraz

Plataforma de Serviços de Gestão E Informação Para A Mobilidade Urbana Verde
 Ana Vigário; Beatriz Teixeira; Gonçalo Penelas; Nuno Pinto; Arsénio Reis; Tiago Pinto

A-Mover: An Integrated Ecosystem For Electric Mobility
 António Paulino; Arsénio Reis; Tiago Pinto; João Barroso

Uso de Grupos Focais Para O Planeamento,

Information Technologies in Education
Preferencias Y Expectativas de Los Egresados de Comunicación Audiovisual de dos Universidades Privadas
 Micaela De La Cruz-Sotelo; Omar Vite-León; Christiana Poggi-Parodi

"Find Me A Date" Potencialidades da Aplicação Digital No Combate À Solidão 65+ Anos
 Gracinda Francisco; Henrique Gil

Universitarios Autorregulados: Aprendiendo Con Youtube de Manera Voluntaria Usando Estrategias Srl
 Jessy Calle Suárez; Omar Vite León

Impacto da Inteligência Artificial No Desenvolvimento de Habilidades do Século Xxi No Ensino Fundamental
 Edesio Marcos Slomp; Marilyn Dilamar da Silva; Vania Ribas Ulbricht

El Poder de Las Redes Sociales En La Difusión Y Participación de Eventos Culturales: Un Estudio Del Festival Internacional de Artes Vivas Loja 2022
 Alex Ludeña Reyes; Luis Rojas Ojeda

Knowledge Management and Decision Support Systems
Literature Review On Robotic Process Automation (rpa) In Industry 4.0
 Nayeli Victortia Flores Cueva; Angel Alberto Silva Conde; Renato Mauricio Toasa Guachi

O Impacto Das Iniciativas de Administração Pública Digital Na Sobrecarga Administrativa
 Rui Pedro Lourenço

Loyalty and Perception of Reliability In E-Government Services: The Brazilian Case
 Nilson Romero Michiles Junior; Ana Beatriz Spinola Ramoa; Ari Mariano Melo; João Gabriel Moraes Souza

Data Analytics Applied To Strategic Management of Higher Education Institutions: A Literature Review
 Paúl Francisco Baldeón Egas; Giraldo León

Synergies For Cross-Border Tourism: A Collaborative Proposal For Rural Revitalization In Northern Portugal and Spain
 Joana Fernandes; Sónia Nogueira

O Impacto da Tecnologia Na Performance da

Software Systems, Architectures, Applications and Tools
Automatable Metrics To Improve The Requirements Management Effectiveness In Software Projects
 Alcides Quispe; Sergio Ochoa

Serverless-Simulator - Simulador de Computação Sem Servidores
 Igor Andrade Brito; Renata Spolon Lobato ; Aleardo Manacero Junior ; Roberta Spolon

Kufrix: Un Juego de Misiones Innovador Desarrollado Con Unix Y Metodología Sum Para Una Experiencia Única En Unity
 Luis Fernando Aguas; Renato Toasa; Henry Recalde; Gloria Delgado

Aplicación Web Para El Control Del Proceso Software
 Leonardo Bermon Angarita; Camilo Betancur Gallego

Patterns For The Integration of Usability At The Organizational Level
 Carmen Carvajal-Jimenez; Ana M. Moreno; Idalides Vergara-Laurens

Analysis of An Electrical Energy Network In A Home Through An Intelligent Regulation System: Case Study

Ação E Análise de Sessões: Primeiro Passo Para O Desenho de Interfaces Otimizadas Através do Co-Design
Tânia Rocha; Ricardo Nunes; Arsénio Reis; João Barroso

Conocimientos En La Enseñanza Del Modelo Tpack: Revisión Sistemática de Literatura
José Marcelo Juca Aulestia; Alicia Ximena Puglla Torres

Rendimiento Académico En La Transición Del Colegio A La Universidad En El Sistema de Estudios A Distancia En El Ecuador
Luis Fabián Moncada Mora; Gerardo Vicente Torres Pereira; Max Alejandro Arias Monteros; Pablo Ramiro Armijos Valdivieso

From Instruction To Assessment: A Genai-Enhanced Workflow For Transforming Instructional Open Educational Resources Into Learning Activities
Antonio Bucchiarone; Andrea Vázquez-Ingelmo; Gianluca Schiavo; Roberto Therón; Francisco José García-Peñalvo

Indústria Automóvel - Análise Bibliométrica
Marisa Alexandra Figueiredo; Beatriz Lopes Cancela

Aplicação de Análise de Dados Para Perceber Se A Pandemia da Covid-19 Interferiu No Enem Brasileiro Entre Os Anos de 2019 A 2022
Antonio Rocha; Angélica Castro; Amanda Oliveira

WASHINGTON XAVIER GARCIA_QUILACHAMIN; FREDDY GEOVANNY FRANCO_GARCÍA; JORGE HERRERA_TAPIA; EDISSON DANIEL SEGOVIA_MUÑOZ; MIKEL ANGELO UBILLUS_AMALLA

Performance Evaluation of Hybrid Virtualization System Deployment: A Case Study of Siga Application
Caio Souza; Israel Duarte; Andson Balieiro; Jamison Dantas; Elton Alves

20:00-22:30

Welcome Party

Wednesday, 26 June 2024

Human Centered Computing

Vibrasound: A Mobile

Application For Immersive Musical Experience For The Hearing Impaired

Samuel Lima Filho; Francisco Medeiros; Alexandre D'Andréa; Radamir Sousa

Behavioral Factors That Relate To The Use of Cybersecurity Practices In College Students

Felipe A. López; Giannina Costa; Alexandra Solano; Pedro Palos; Gustavo Gatica

Negative Consequences In Daily Life: The Effects of Digital Hoarding and Loss of Control On Workers

Natalia Bravo-Adasme; Alejandro Cataldo; Elizabeth Grandón; Manuel Gámez-Guadix

Integración de Tecnologías En La Vida Cotidiana En Hogares Inteligentes: Una Aproximación Bibliométrica

Luis Fernando Garcés Giraldo; Alejandro Valencia-Arias; Eduar Antonio Rodríguez Flores; Paula Andrea Rodríguez-Correa ; Lemy Bran-Piedrahita

Perspectives On Academic Design Systems Teaching

Amarillis Dias; Carlos Santos

Gesture Classification System For Karate Competitions

Sónia Violante; A. Jorge Morais; Vítor Filipe

Sostenibilidad A Través de La Innovación: Filamentos Reciclados de Pet Y Su Impacto En La Economía Circular

Nelly Carolina Bernal Dávalos ; Silvana Cristina Larrea Ocampos; Claudia Raquel Ibarrola Chamorro

Análise Das Características de Jogos Com Foco Nas Mulheres

Mônica da Consolação Machado; Ronan Loschi Rodrigues Ferreira; Mark Alan Junho Song ; Lucila Ishitani

Exploring The Implementation of A Smart City In Low-Density Regions

Liren Su; José Martins; Ramiro Gonçalves; Carlos Serôdio; Frederico Branco

 Information Technologies in Education

Explorando La Ruta Del Café Lojano: Una Inmersión En El Turismo Cafetalero

Luis Alfonso Rojas Ojeda
Zetapp-App Educativa de Crucigramas Para Aprender A Leer

Nuno Rodríguez-Mosquera; Lorena Otero-Cerdeira; María Encarnación González-Rufino; Francisco Javier Rodríguez-Martínez

Aplicaciones de La Tecnología Blockchain En Instituciones de Educación Superior

Rosario del Carmen Coral Herrera; Patricia Alexandra Albuja Mariño; Paul Baldeón Egas; Edwin Lagos

Indicators For Data

Visualization In Hei Academic Management: A Review of The Current State of The Ar

Renato Mauricio Toasa Guachi; Giraldo León

Projeto Matic: Uma Experiência de Interdisciplinaridade No Ensino Superior

Ana Claudia Loureiro; Maria Cristina Martins

Principios Del Modelo Tpack Para La Enseñanza: Revisión Sistemática de Literatura

José Marcelo Juca Aulestia; Alicia Ximena Puglla Torres

Activities, Media and Technologies: An Investigation Into The Routines of University Students

Nídia Salomé Morais; Joana Martins; Miguel Midões

Conhecimentos, Competências E Hábitos de Uso de Ia: Um Estudo Com Alunos No Ensino Superior

Nídia Salomé Morais; Rui Raposo; Teresa Gouveia

Percepções, Expectativas E Impactos do Uso de Ia: Um Estudo Numa Instituição de Ensino Superior Em Portugal

Teresa Gouveia; Rui Raposo; Nídia Salomé Morais

Análisis de Plataformas Tecnológicas Para Incentivar Las Carreras Stem En Estudiantes de 2do de Bachillerato En Ecuador

LORENA ELIZABETH CONDE ZHINGRE; Carlos Ruben

 Organizational Models and Information Systems

I4scouting - Plataforma de Suporte Ao Scouting

João Pereira; Osvaldo Pacheco
Proposal For A Cybersecurity Framework For The Digital Transformation of Small and Medium-Sized Enterprises In Mozambique: Position Paper

Micaela Amade; Henrique São Mamede; Leonilde Reis; Ramiro Gonçalves; José Martins; Frederico Branco

The Relationship Between Learning Style and Co-Creation Value In Higher Education Institutions

Odette Pantoja Díaz; Luis Eduardo Jerves Guerrero; Andrés Ramos Álvarez

The Oecd-Inspired Orm Blueprint For Personal Data Security

Antonio Goncalves; Anacleto Correia

Fatores Determinantes En Las Interacciones Digitales de Consumidores Con Marcas Alimentarias: Un Enfoque Híbrido Sem-Redes Neuronales

Sandra Castro-González; Belén Bande; Pilar Fernández-Ferrín

Explorando Ontologias Na Fruticultura: Um Mapeamento Sistemático E Perspectivas Futuras

Jessica de Souza Santana Santana; Laís do Nascimento Salvador Salvador ; Ricardo José Rocha Amorim Amorim; Valdner Daizio Ramos

Clementino Clementino; Dinani Gomes Amorim Amorim
Key Performance Indicators With A Focus On Higher Education: A Systematic Review Aimed At Definition and Measurement

Christian Oyola Flores; Diana Arce Cuesta; Jessica Zúñiga García; Fernando Pesántez Avilés; Juan Cárdenas Tapia

Dimensões do Suporte Organizacional Percebido Na Intenção de Turnover dos Colaboradores No Contexto de Desenvolvimento Distribuído de Software

Karla Thais da Silva; Ivaldir Honorio de Farias Junior; Wylliams Santos

11:00-11:30

Coffee-break

11:30-13:30

Computer Networks, Mobility and Pervasive Systems

*Designing and Simulating Iot Systems With Mobile Nodes By Using A Model-Driven Approach**

José Ángel Barriga Corchero; Pedro José Clemente Martín; Miguel Ángel Pérez Toledano; Arturo Barriga Corchero

Sports Technology Applied To Athletics: Prototype For Time Measurement In Athletic Competitions

Tannia Mayorga-Jácome; Sandra Paucar-Paucar; Sandra Castillo-Bone; Francisco Jurado-Pruna

Design of A Logistics, Supervision, Control, and Data Acquisition System For An Automation Plant of The Mechatronics and Automation Research Laboratory

Arys Carrasquilla-Batista; José Andrés Aguilar-Salas

Quantitative Analysis of Botnet Activity Within Internet Background Radiation As Observed By A Cloud Telescope

Fabricio Bortoluzzi; Barry Irwin; Lucas Silvero Beiler; Carla Merkle Westphall

Urban Tree Surveying Using Aerial Uav Images and Machine Learning Algorithms

Juan Pablo Damato; Pablo Rinaldi; Gustavo Borini

Evaluación de Tcp Y Procesos de Control de Congestión En Redes Manet

Byron Jaramillo; Rommel Torres

Análisis de Ataques Y Técnicas de Mitigación En Entornos Iot: Un Enfoque Integral Para Garantizar La Seguridad En La Era de La Conectividad

Mauro Bolagay; Jorge Yánez; Pablo Recalde

Smart Brt: Requirements For The Implementation of A Smarter Transport System

Raquel Trajano; Andson Balieiro; Carlos Melo; Jamilson Dantas

Information Technologies in Education

Artificial Intelligence In Artistic Higher Education

Filipe Montargil; Catarina Ferraz; Vitor Santos; Adriana Cardoso

Comparing Academic Performance In Online and Face-To-Face Object-Oriented Programming Courses: An Educational Data Mining Analysis

Jorge Rodas-Silva; Jorge Parraga-Alava

Implementación de Un Sistema de Evaluación Gamificado

Juan José Yanangomez-Salinas; Celia Paola Sarango-Lapo

Proposal For A Toy For Teaching Scrum and Kanban To Students In The Early Periods of Computing Courses

José Augusto Fabri; Rodrigo Henrique Cunha Palácios

La Realidad Aumentada Una Tecnología Innovadora En La Educación Superior

Wilma Gavilanes; María José Abásolo ; Blanca Rocio Cuji; Sandra Carrillo

Pensamiento Computacional Para La Resolución de Problemas En El Area Stem Diseño de Un Dispositivo Lúdico-Educativo Para Contextos de Enseñanza Primaria

Lucila Romero; Natalia Bas

Formación Docente En Educación Steam: Revisión Sistemática de La Literatura

Andrea Katalina Segarra Morales; José Marcelo Juca Aulestia

Enfoque Estratégico Basado En Mooc Para Complementar El Aprendizaje de Asignaturas de Programación En Entornos Semipresencial Y En Línea

Iván Andocilla-Oleas; Tannia Mayorga-Jácome; Mario Pérez-Cargua; Edgar Vivanco-Herrera

Organizational Models and Information Systems

Analysis of Industry 4.0 Taxonomies: A Global Perspective

Astrid Jaime; Mariutsi Osorio-Sanabria; Freddy Alfonso

Compliance With Ppe Accounting Standard: The Role of Size and Debt

Vitor Alves; Cláudia Pereira; Luís Gomes

La Calidad Del Sistema Y de La Información Como Factores de Influencia En El Sic Y En El Desempeño de La Industrial Colombiana

OMAR JAVIER SOLANO RODRIGUEZ

The Capital Structure Puzzle: What Are The Missing Pieces? Can Technological Challenges Be A New Piece?

Elisabete Vieira; Mara Madaleno

A Pandemia da Covid-19 E O Governo Digital: O Caso dos Municípios da Região Autónoma da Madeira

Leonilde Idea; Gonçalo Paiva Dias

Customized Mobile Application For The Management of Small Artisanal Jobs

Daniel Basantes; Renato Mauricio Toasa; Angélica Victoria Guillén Pinargote; David Martinez

Exploring Design Thinking As A Strategy For Business Process Analysis In Higher Education Institutions

Myriam Yunga Barros; Diana Arce Cuesta; Leonardo Pacheco Tobar; Fernando Pesántez Avilés ; Juan Cárdenas Tapia

Incorporating Xp Practices Into Scrum For A Software Production Company In Northern Paraná

Rodrigo Henrique Cunha Palácios; José Augusto Fabri

Exploring Interaction Challenges Between Business

Impulsando La Transformación Digital Con El Internet de Las Cosas (IOT): Una Revisión Sistemática de Literatura
Segundo E. Cieza-Mostacero;
Henry P. Bermejo-Terrones

Uso E Implantación de La Ia En La Educación Preuniversitaria. Diseño Y Validación de Cuestionarios Para El Diagnóstico En España Y Latinoamérica
Inmaculada Pallejà Masip;
Daniel Amo Filvà; Marta López Costa; Sofia Aguayo Mauri;
David Fonseca Escudero;
Alejandro Iglesias Dávila

Process Management and It Management
Andrea Flores Vega; Diana Arce Cuesta; Fernando Pesántez Avilés ; Juan Cárdenas Tapia

13:30-15:00

Lunch

15:00-17:00

Information Technologies in Education
Diretrizes de Design Para Jogos Educacionais Multiplayer Com Foco Na Colaboração
Patricia Ziviani; Joice Lee Otsuka; Delano Medeiros Beder; Antônio Maldonado Guerra Cunha

Development of A Survey Instrument For Assessing The Gender Gap In Stem
Guillermo Davila; Indira Guzmán; Nadia Rodriguez; Luciana Bolan Frigo; Sílvia Amélia Bim; Cristiano Maciel

Children's Perspectives of Elderly Characters: Exploring Animated Films Through Interviews and Focus Groups
Sofia F. da Silva Nunes; Maria João Antunes

The Mediating Effect of The Interaction of Digital Technologies On The Attitude Towards Collaborative Learning In The Management of Personal Learning Environments In University Students
Olger Gutierrez-Aguilar; Manuela Emperatriz Achiri-Larota; Lily Montesinos-Valencia; Sandra Chicana-Huanca; Percy Montesinos-Valencia; Aleixandre Duchepérez

Artificial Intelligence Vs Human Intelligence: Analysis and Synthesis of Mathematics Teaching
Andrés Subía-Arellano Andrés Subía-Arellano; Doris Pérez-Vega; Jorge Buele

Yachay-Wawakuna: Aplicación Móvil de Realidad Aumentada Para Mejorar El Aprendizaje Del Alfabeto En Los Niños
Mario Aquino Cruz; Miguel Angel Aquino Cruz; Karla Farfan Davalos; Manuel Jesus Ibarra Cabrera

Knowledge Management and Decision Support Systems, Organizational Models and Information Systems, and Computer Networks, Mobility and Pervasive Systems
Influence of Ddos Attacks On Resource Allocation In Three-Dimensional 6g Networks
Maria Gabriela Lima Damasceno; Renata Kellen Gomes dos Reis; Caio Bruno Bezerra De Souza; Jussif Junior Abularach Arnez; Andson Balieiro; Kelvin Lopes Dias

An Optimized Routing Algorithm For 3d Mobile Ad-Hoc Networks
Alaa Eddien Abdallah; Emad Eddien Abdallah

Wireless Networks and Ict In The Context of The Sustainable Development Goals
Iván Armuelles Voinov; Joaquín Chung; Borja Bordel; Ramón Alcarria

Igualdade de Género Na "Empresa": Uma Jornada de Transformação - Estudo de Caso
Helena Elias; Isabel Pedrosa; Maristela Holanda

Comunicación Modbus Con Plc 1214c Y Arduino Uno Para El Control de Un Motor
FRANKLIN WILFRIDO SALAZAR LOGROÑO; JUAN CARLOS BALAREZO; YAJAIRA LIZBETH CUELLO CUNIN; NATHALY NICOLE CALAPAQUI PANOLUISA; GABRIELA JOSETH SERRANO TORRES; GUSTAVO DANILO MACHADO MERINO

Protocolo de Comunicación Modbus Entre Arduino Y Plc

Software Systems, Architectures, Applications and Tools
An Application For Teaching Children With Autism
Mohammad Bsoul; Rasha Shawar; Yasmen Almashagbah; Shurooq Ibrahim

Highway To Java - An Open-Source Solution For Emulating Legacy Environments In Jvm-Translated Cobol Applications
Philipp Brune

Supervised Learning Algorithm Used For Lolbins Detection In Linux Machines.
Angello Cassio Vasconcelos Oliveira; Daniel Chaves Cafe

Mosteiro da Batalha Online
Bernardo Ferreira; Mariana Gerardo; Alexandrino Gonçalves; Anabela Bernardino; Eugénia Bernardino

Cost-Effective Iot System For Automated Environmental Monitoring: A Case Study In Water Quality Monitoring
Felipe S. Costa and Valdinei Oliveira Costa; Gabriel Araujo and Glaucio F. Amorim Amorim; André M. Chaves; Paulo Leitão; Raphael Guerra; Diego Brandão

Cost-Effective Iot System For Residential Water Leak Detection
Luis Barbosa and Felipe Henriques Assis Junior; Raphael Guerra; Ary Henrique Morais Oliveira; Fernando F. de Carvalho; Paulo Leitão and André M. Chaves Chaves; Helga Balbi and Diego Brandao Brandão

Deep Neural Networks Trained On Synthetic Data For A Pick and Place System
Nuno Marques; Marco Rodrigues; Isabel Martins

Systematic Mapping Studies On The Use of Video In The Flipped Classroom Methodology

Liliana Enciso; Elmer Zelaya
Higher Education Adapting To Industry 5.0 and Society 5.0
JOSÉ GÓIS

Juegos Serios En El Desarrollo Del Pensamiento

Computacional: Un Mapeo Sistemático de La Literatura
Eleonora Palta Velasco; Julio Ariel Hurtado Alegria

S7-1200 Para Control de Una Estación de Embotellado

FRANKLIN WILFRIDO SALAZAR LOGROÑO; YAJAIRA LIZBETH CUELLO CUNIN; JUAN CARLOS BALAREZO; NATHALY NICOLE CALAPAQUI PANOLUISA; ANGEL ALBERTO SILVA CONDE; MARIA MAGDALENA PAREDES GODOY

Pricing E-Forwards: An Investigation Using Bayesian Model Ensembles and Stacking Regression

JORGE BRAVO

Everything You Should (not!) do To Succeed In Your Master's Thesis! Lessons Learned and Traps Avoided
Elias Helena; Ana Ferreira; Isabel Pedrosa; Ana Cristina Amaro

Aplicación de Herramientas 4.0 Para La Transformación Empresarial En El Sector de Alimentos

CARLOS HERNAN FAJARDO TORO; LUIS FERNANDO CHAVARRO; Eugenia Marquez

17:00-17:30

Coffee-break

17:30-19:00

Information Technologies in Education

Video Análisis En Metodología Stem. Caso de Uso: Sistema Masa Resorte Amortiguador (mra)

Jose Ulises Castellanos Contreras; Juan Pablo Cardona Guío; John Jairo Leal; Luis Carlos Gutiérrez Martínez

Impacto de Los Diferentes Gastos Del Gobierno Y La Deuda En La Promoción de La Importación de Tecnologías de La Información Y Las Comunicaciones (tic) En El Ecuador

Liz Valle-Carrión; Santiago Ochoa-Moreno; Viviana Torres Diaz

Relación Entre La Deuda Externa, El Gasto En Educación, La Importación de Tecnologías de La Información Y Las Comunicaciones (tic) Y Los Préstamos Del Fmi En La Investigación Más Desarrollo (i+d) En El Ecuador

Liz Valle-Carrión; Santiago Ochoa-Moreno; Viviana Torres Diaz

Mapping Kolb's Learning Style In Industry As A Guide For Teaching In See

Mauricio Hidalgo; Hernán Astudillo; Laura M. Castro

Utilização do Chatgpt Em Contexto Académico

Luis Silva Rodrigues
Digital Transformation In Portugal: Drivers and Government Initiatives

Rogério Silva; Ivo Pereira; Susana Nicola; Nuno Bettencourt; Ana Madureira

Bulgarian National Priorities For Integrating Ict In Education In The Mirror of European Policies

Knowledge Management and Decision Support Systems

Influencer Marketing On Instagram: Analysis of Strategies With Macro and Micro Influencers In The Spanish Fashion Sector

MANUEL ESCOURIDO-CALVO; FATIMA OUTES CASTRO; FEDERICO MARTIN-BERMUDEZ; ANTONIO-JAVIER PRADO-DOMINGUEZ

Explainable Ai Application In Sentence Interpretation In Brazilian Law

Frederico Augusto Costa Silva; Cleyton Mário de Oliveira Rodrigues

Graph Algorithms Applied To Sectorization In Water Distribution Networks: A Case Study

Luis B. de Assis Jr. and Nadinne G. Holanda Assis Junior; Eduardo Bezerra and Laura Assis Assis; Fernando F. Carvalho; Kennedy M. Fernandes; Ary Henrique M. Oliveira; Diego Brandão

Transtypo – Ontologia de Tipos de Transação Em Redes de Tecnologia de Livro-Razão

Distribuído Com Observância de Regras de Privacidade

Marco Antonio Colombo da Silva; Luis Hideo Vasconcelos Nakamura; Luís Veiga; Rodolfo Meneguette

A Formal Document Approval Workflow For Business Process In Higher Education Institutions

Veronica Velásquez Angamarca; Diana Arce Cuesta; Christian Oyola Flores; Adriana García Pesántez; Fernando Pesántez Avilés; Juan Cárdenas Tapia

For Digitalization of Education
Bistra Mizova; Roumiana Peytcheva-Forsyth

*Sistema de Contabilidade E Controlo de Gestão
Nas Empresas Familiares*
Diana Santos; Andreia Pereira; Inês Oliveira;
Ana Roque

*Turismo E Marketing Digital: Uma Análise
Bibliométrica*
Elisabete Paulo Morais; Sónia Nogueira; Ramiro
Gonçalves

20:00-22:30

Conference Dinner

Thursday, 27 June 2024

Health Informatics

Estendendo Requisitos Em Conformidade Com Lei Geral de Proteção de Dados: Um Estudo Aplicado Na Saúde Digital
Luana Souza; Márcia Lucena; Apuena Gomes

Web Accessibility of African Ministries of Health Before and After Covid-19: A Comparative Approach

Pastor Nso Mangué; Sérgio Luján Mora

Segurança Em Telecirurgia Robótica Baseada Em Redes 5g
Caio Souza; Felipe Mendonça; Renata Reis; Maria Damasceno; Andson Balieiro

Simulation of Human Behaviour In Adherence To Preventive Health Programmes: A Methodological Proposal and An Example of Its Application

Andreia Penso Pereira; Raul M. S. Laureano ; Fernando Buarque de Lima Neto

Alpaca: Control En Tu Despensa

Alejandro Asensei; Pablo García; Adrián Ortiz; Claudia Ortiz; Susana Bautista; Olga Peñalba

Bayesian Optimization For Validation of A Low-Cost Accelerometer

Paulo Varjal; Francis Trombini; Carine Freitas e Silva; Iara dos Santos Leal; Mateus Amorim Silva; Fernando Buarque

Uma Análise de Dados Com Foco Na Influência do Capital Social Sobre A Adesão Ao Rastreamento do Cancro de Mama Em Portugal

Cristiane S. Mesquita Callou; Carlota Quintal; Micaela Antunes

Miprv – Medical Imagery Processing, Reconstruction and Visualization: A Web Platform Approach

Hugo Pereira; Luís Romero; Pedro Miguel Faria

Realocando de Unidades Básicas de Saúde Para Melhorar A Cobertura de Serviços de Saúde

Dimas Cassimiro Nascimento; Daliton da Silva; Rian Gabriel Santos Pinheiro; Esau Bermudez Sanchez

 Knowledge Management and Decision Support Systems

Control Predictivo Y Optimizado de

Infraestructuras de Agua Potable Mediante Inteligencia Artificial

Carlos Calatayud Asensi; José Vicente Berná Martínez; Lucia Arnau Muñoz; Francisco Maciá Pérez

The Impact of Layout Restructuring On Productivity and Employee Satisfaction_ a Proposal For A Wholesale Company

Soraia Faustino; Ana Roque; Sandrina Leal

Brand Identity Creation and Management For Decision Support System: Nexus Agenda Case Study

Sandra Filipe; Maria Camila Marinho; Valentina Chkoniya; Ana Rita Carqueija; Luís Ferreira

Sostenibilidad de La Banca Ecuatoriana: Un Enfoque de Machine Learning

Miguel Peñarreta; Reinaldo Armas; Mercedes Teijeiro

Integración Del Algoritmo Mate-Tree Al Sgbd Postgresql En Una Arquitectura Medianamente Acoplada

Ricardo Timaran-Pereira; Anivar Torres-Chaves

The Iberian Landscape of Information Systems and Technologies: A Bibliometric Analysis of 8 Years of Cisti Proceedings

Gonzalo Méndez; Oscar Moreno; Rodne Quijije; Ronny Santana

An Ontological Model For Financial Events Based On Ufo-B

Igor Felipe Carboni Battazza; Cleyton M. de Oliveira Rodrigues

Architectural Frameworks In Destination Management Systems For Low-Density Regions: A Systematic Review

Daniel Ferreira; Osvaldo Pacheco; Rui Costa

Incorporating Google Trends Into Garch Models For The Brazilian Stock Market

Felipe Goncalves Pereira; João Carlos Félix Souza; João

 Software Systems, Architectures, Applications and Tools

Agricultura Inteligente Para Una Planta Hortofrutícola
Gerardo González Filgueira; Iago Varela Romero

Recomendaciones

Alimenticias: Un Enfoque de Filtrado Colaborativo Basado En Preferencias Similares Entre Usuarios

Martha María de Jesús Tinoco Lara; Amadeo José Argüelles Cruz

Explorando Alternativas Para Identificar La Partición de La Mínima Pérdida de Información

Luz Enith Guerrero; Jeferson Arango-López; Luis Fernando Castillo; Fernando Moreira; Juan Correa

Samplers de Código Aberto Sem Estação de Áudio Digital
Marcos Ribeiro; Henrique Portovedo; Gonçalo Paiva Dias

Business Intelligence: Uma Proposta de Organização, Análise E Compartilhamento de Informações Para O Setor da Fruticultura.

Allan Ramos; Ricardo Amorim; Valdner Clementino; Dinani Amorim; Max Farias

Implementación de Un Asistente Virtual Desplegado de Manera Holográfica

Antse Santiago Cáceres-Vega; Celia Paola Sarango-Lapo; Luis Eduardo Rios-Castillo

An Novel Digital Automation For Maintaining Industrial Process Control Systems

José Alberto Coretti; Luis H. V. Nakamura; Geraldo P. Rocha Filho; Daniel L. Guidoni; Lourenço A. Pereira Júnior; Rodolfo I. Meneguette

An Experiment On Exploiting The Device Cloning Cyber-Physical Vulnerability In Iot Systems

Vinicius Costa; Matheus Santos Monteiro; Francisco Lopes de Caldas Filho; Fábio Lúcio Lopes de Mendonça; Rafael Timóteo de Sousa Júnior

Software de Código Aberto de Síntese de Som Para Sistemas Headless: Revisão Sistemática

José Silva; Henrique Portovedo; Gonçalo Paiva Dias

11:00-11:30

Coffee-break

11:30-13:30

Knowledge Management and Decision Support Systems

Double Materiality In Sustainability Reporting - Insights From Early Adopters In Portugal

Marta Guerreiro; Alexandra Borges; Oliveira Susana

Lidando Com Decaimento de Modelos Aprendidos

Diego Pedroso; Duncan D. Ruiz

A Systematic Mapping On Serverless Computing

Antonio Carlos Sousa; Edward David Moreno Ordóñez Moreno; Jean Carlos Teixeira de Araujo Araujo

Previsão de Indicadores de Resultados Em Sinistros de Trânsito Utilizando Séries Temporais Hierárquicas

Luiz Henrique Albuquerque Melo; Júlio César de Freitas Taveira; Fernando Buarque de Lima Neto; Paulo Roberto Varjal Melo

Addressing The Project Scoping During The Development and Evolution of Bespoke Information Systems

Tomás Vera; Anelis Pereira-Vale; Sergio F. Ochoa; Daniel Perovich; Fabiane Benitti

Ontoiac: Ontological Modeling of Collaborations Between Industry and Academia In The Context of Agile Software Development

Denis Marques; Tamara Dallegrave; Wylliams Santos; Cleyton Rodrigues

O Uso de Lean Ux Nas Startups Pernambucanas Com Foco Em Desenvolvimento de Software: Um Estudo Exploratório

Ivaldir de Farias Junior; Dahise Emanuely Santos Dias ; Haderson Almeida

Percepción de La Desinformación Rusa En Ecuador

Abel Suing; Kruzka Ordóñez; Lilia Carpio-Jiménez

Classification of Un's Sustainable Development Goals Using Bidirectional Encoder Representations From Transformers Model

Organizational Models and Information Systems

Visual Data Using Community Storytelling: Cultural Tourism Mapping

Mónica Silva; Rui Raposo

Tendencias Investigativas En Emprendimiento Sostenible: Una Aproximación Bibliométrica

Alejandro Valencia-Arias; Lucia Palacios-Moya; Gianina Iparraguirre Sánchez; Wilmer Londoño-Celis

Documentary Review On Emotion Recognition In Speech Using Lstms

Juan Francisco Pabon; Renato Toasa

Estratégias de Ecosystemas de Inovação Em Tecnologia da Informação E Comunicação: Um Mapeamento Sistemático da Literatura

João Paulo Barbosa dos Santos ; Ivaldir de Farias Junior; Mariana Maia Peixoto

From Precision To Protection: Integrating Data Quality and Gdpr Practices

Antonio Goncalves; Anacleto Correia

Modelos Para Avaliar A Eficiência Energética de Sistemas Computacionais

Ruallison de Moura; Gustavo Callou

Information System: The Relief Valve For Project Management Tailoring In Public Procurement

Massimo Rebuglio; Filippo Ottaviani; Lorena Ortiz Mendez; Alberto De Marco; Antonio Carlin

The Main Challenges of Machine Learning For Credit Scoring: A Review

Arthur Felipe Pinheiro Pereira; Afshin Ashofteh

Gestão Inteligente de Despesas de Casa

Mickael Silva; Anabela Bernardino; Eugénia Bernardino

Software Systems, Architectures, Applications and Tools

Enhancing Database Security: A Comprehensive Analysis of Access Control Using Nist Metrics

José Manuel Vicente Mendes; Isabel Sofia Sousa Brito; Angelica Toffano Seidel Calazans; Elsa Soares Rodrigues

Optimización de Consultas En Sql Server

Víctor F. Luque-Sánchez; Segundo E. Cieza-Mostacero

Real-Time Weapon Detection System For R surveillance Video Footages - A Preliminary approach

Pedro Monteiro; Gonçalo Carnaz; Osvaldo Rocha Pacheco

Sistema Inteligente de Recomendação de Dietas Baseadas Em Produtos de Base Termal

Gustavo Silva Quieregato; Henrique Marcuzzo; Paulo Pereira; Maria João Varanda Pereirada

Importance of Shared Understanding In Software Engineering: A Systematic Literature Mapping

Valentina Realpe; Ivan Londoño; Pablo Ruiz; Vanessa Agredo-Delgado; Cesar Collazos; Fernando Moreira

Using Sme For Building An Agile Prototyping Strategy To Achieve Shared Understanding In Requirements Engineering

Isabella Rodriguez; Valentina Chamizo; Andres Felipe Solis Pino; Pablo Ruiz ; Vanessa Agredo-Delgado; Fernando Moreira

Advancing Beyond Custom Mobile Applications For Widespread Publication of Location-Based Services

Maria Ribeiro; Rui José Open Development Architectures For Augmented Reality Experiences

Ricardo Melo; Luís Magalhães; Rui José

Leonides Medeiros Neto;
Maicon Herverton Lino Ferreira
da Silva Barros; Raysa Carla
Leal da Silva; Roberto Cesar da
Silva Leal; Guto Leoni dos
Santos; Patricia Takako Endo

*Edicolab - A Collaborative
Editing Platform For Historical
Manuscripts Developed In The
Context of The Iforal Project*
José Vasco Carvalho de Sousa;
João Paulo Silvestre; Osvaldo
Rocha Pacheco

13:30-15:00

Lunch

15:00-17:00

Doctoral Symposium

*Session Chair: Francisco
Peñalvo*

*Programming Cocktails and
Their Influences In*

Development and Teaching

Alvaro Costa Neto; Maria João
Varanda Pereira; Pedro Rangel
Henriques

Cidades Inteligentes E

Sustentáveis Blockchain Na

Gestão de Resíduos Eletrônicos

/ Sustainable Smart Cities

Blockchain In Electronic Waste

Management

Alex Wanderley; Daniel Ia

Iglesia; VALDERI LEITHARDT;

Luís Augusto Silva

Numerical Study of Fake News

Propagation

Daniel Botelho; Maria Teresa

Monteiro; Senhorinha Teixeira

Enterprise Resource Planning

(erp) Systems For Cultural and

Arts Management

Catarina Ferraz

Information

**Technologies in
Education**

Active Learning Methodologies

and Digital Technologies In

The Bragança Polytechnic

University

Liliana Pinto; Vitor Gonçalves

Herencia Digital: Un Estudio

Sobre Las Habilidades

Tecnológicas Entre Padres E

Hijos En Ecuador

Ximena Songor Jaramillo;

Gabriela Cornejo Montaña;

Beatriz Hurtado Regalado

Influence of Artificial

Intelligence In The Academic

Field Within The Context of

Higher Education In Ecuador

Javier Guaña-Moya; Yamileth

Arteaga-Alcívar; Diego Yáñez-

Flores; Alejandra Espinosa-

Cevallos; Paulina Jaramillo-

Flores; David Alejandro

Ramos-Galarza

Excessive Use of The Internet

Generates Addiction In

Children, Youth, and Adults

Yamileth Arteaga-Alcívar;

Javier Guaña-Moya; Alejandra

Espinosa-Cevallos; Lorena

Cusme-Vélez; David Alejandro

Ramos Galarza

La Competencia Mediática En

Tiktok: Valoración de

Estudiantes de Comunicación

Audiovisual

Anthony Libon; Omar Vite

Módulo Didáctico de Bajo

Costo Para Potenciar El

Proceso de Enseñanza-

Aprendizaje En

Electromecánica Automotriz

Mediante El Enfoque Steam

Celena Galarza; Fabián Rivera

The Mediating Effect of

Creativity Between Writing

Proficiency and Linguistic

Competence In Academic

Performance Through The Use

of Chatgpt In University

Students

Olger Gutierrez-Aguilar; Lily

Montesinos-Valencia; Luis

Melgar-Amado; Percy

Montesinos-Valencia; Anani

**Organizational Models
and Information
Systems**

Industry-Academia

Collaboration (iac):

Preliminary Findings of A

Tertiary Review

Tamara Dallegrave; Denis

Marques; Cleyton Rodrigues;

Wylliams Barbosa Santos

Transferencia de

Hidrocarburos Por Oleoducto

Para La Reducción de Costos

Por Transportes Evaluada Por

Simulación de Datos

Derly Junior Taboada

Mayanga; Guillermo Segundo

Miñan Olivos

Análisis Predictivo de La

Transparencia En Colombia

Como Indicador de Políticas

Públicas

Natalia Ramírez; Ernesto

Gomez

Portal Web de Dados de

Severidade de Áreas Ardidas

Em Portugal Continental

Diogo Mota; João Gonçalves;

Bruno Marcos; Joaquim

Mamede Alonso; João

Honrado; Pedro Castro

Virtual Social Networks As

Mediators of Contemporary

Social Movements

Fernanda Almeida de

Sant'Ana; Juliana Campos

Lobo; Maureen Cerveira

Carvalho

Engagement In Multicultural

Agile Teams: A Study of

Impacting Factors From A

Learning Environment In

Canada

Fulvia Lima; Hermano Moura;

Alexandre Luna; Daniela

Damian

Case Study: Tailoring In

Project Management

Implementation Processes For

Public Administration Company

For Infrastructure Construction

Lorena Ortiz Mendez; Massimo

Rebuglio; Filippo Ottaviani;

Alberto De Marco

Gutierrez-Aguilar; Sandra Chicana-Huanca
The Moderating Role of Trust In The Loyalty of University Students Through The Corporate Website
 Olger Gutierrez-Aguilar; Mariela Flores-Sánchez; Percy Montesinos-Valencia; Sandra Chicana-Huanca; Lily Montesinos-Valencia; Aleixandre Duche-Pérez
Bibliometric and Comparative Analysis of Generative Artificial Intelligence In Education Research
 Eduardo Amadeu Dutra Moresi; Isabel Pinho; António Pedro Costa; Pablo Sebastián Burneo Arteaga; Leandro Bertani Machado; Fábio Mauro Garcês de Freitas

Collaboration In Software Engineering: Action Research In Case Studies
 Denis Marques; Vanderlene Rocha; Pamella Oliveira; Anderson Batista; Wylliams Santos
Um Painel de Visualização de Projetos de Pesquisa Relacionados Aos Objetivos de Desenvolvimento Sustentáveis
 Raysa Carla Leal da Silva; Leonides Medeiros Neto; Maicon Herverton Lino Ferreira da Silva Barros; Roberto Cesar da Silva Leal; Raphael Augusto Raphael Augusto de Sousa Dourado; Patricia Takako Endo

17:00-17:30

Coffee-break

17:30-19:00

Doctoral Symposium

Session Chair: Francisco Peñalvo
Datasecops-Based Framework For Sensitive Science Data
 Dauto Ussene Jeichande; João Pedro Oliveira
Estimación de Rendimiento de Cosechas de Maíz Utilizando Aprendizaje Profundo Multimodal A Partir de Imágenes Multiespectrales Y Sensores Ambientales
 Luis Roberto Jacome Galarza
Towards The Development of An Application To Classify Speech Sound Errors
 Pere Porcuna

Health Informatics

Una Exploración de La Adopción de Tecnologías En Salud Y Metodologías de Evaluación
 Victor Hugo Capacho Alfonso; Jovani Alberto Jimenez Builez; Darío Enrique Soto Durán
Aplicación Inmersiva de Realidad Virtual Para La Evaluación de La Depresión En Adultos Mayores
 Jorge Buele; Fátima Avilés-Castillo; José Varela-Aldás; Verónica Elizabeth Labre-Tarco; Valentina Tapia; Guillermo Palacios-Navarro
Diseño, Desarrollo Y Validación de Una Aplicación Móvil Para La Evaluación Del Bienestar Animal Equino
 Daniel Salazar; Christian Quesada-López; Marcelo Jenkins; Raiza Luna; Ana Arias
Application of Machine Learning In The Detection and Prevention of Femicide: A Systematic Review
 Brenda Silva; Wladimir Filho; Cleyton Rodrigues; Roberta Fagundes
Reducción de Ruido En Imágenes de Gammagrafías de Tiroides Utilizando Técnicas de Procesamiento de Imágenes
 Benicio Grossling; Julio Cesar Mello-Román; Ronald Rivas; José Luis Vázquez Noguera; Horacio Legal-Ayala

Organizational Models and Information Systems

Lean Logistics Para La Reducción de Costos. Una Evaluacion Por Simulacion de Escenarios Y Criterio de Incertidumbre
 Victor Arturo Caballero Plasencia; Guillermo Segundo Miñan Olivos
Análítica Avanzada de Datos
 Felix Espinoza; Milos Maryska; Petr Doucek
Network Traffic Analysis For Enhanced Security: Tools, Techniques, and Evasion Strategies
 Emad Eddien Abdallah; Issa al-aiash ; Alaa E. Abdallah
Desenvolvimento de Um Observatório de Projetos Usando Um Modelo Para Observatórios de Projetos
 Thiago Cariolano; Ivaldir Farias Junior; Jeferson Vieira
Análise dos Planos Para A Igualdade de Género Implementados Em Empresas do Setor Tecnológico: O Caso Das Empresas do Psi-20
 Magda Correia; Isabel Pedrosa
Enhancing Healthcare Supply Chain Management Through Business Intelligence: Strategies, Challenges, and Opportunities In The Digital Era
 André Costeira; Francisco Palaio; Pedro Alves; Isabel

Predictive Model For Heart Failure Decompensation: A Systematic Literature Review
Francisca Passos; Raul Laureano; Mariana Passos
A Preventive Data Analysis Platform For Exploring Mental Health.
Gabriel Pestana; Olga Valentim

Pedrosa
Impacto da Inteligência Artificial Nos Processos de Recrutamento E Seleção
André Gomes; André Silva ; Isabel Pedrosa

Friday, 28 June 2024

09:00-13:00

Tour through Historical Salamanca

Create My Program