

My CISTI2023 Program

Tuesday, 20 June 2023

13:00 - 14:00 Reception (Secretariat)

14:00 - 15:00 Opening and Keynote Session

15:00 - 17:00 Health Informatics

- * *Plataformas de Telerehabilitación Para El Cáncer de Mama: Un Mapeo de Literatura*
- * *Enhanced Medical Images Through Multi-Scale Mathematical Morphology By Reconstruction*
- * *Everydayfantasy – A Mobile Computing Application In Mental Healthcare*
- * *Shared Distributed Functionality - Its (dual) Meanings and Why It Matters*
- * *Un Enfoque de Arquitectura de Microservicio Para Mhealth Orientado Al Monitoreo Ambulatorio*
- * *Determining Environmental Indicators Related To The Propagation of Contagious Diseases and Health Issues: A Systematic Literature Review*
- * *Multiclass Classification of Ocular Toxoplasmosis From Fundus Images With Residual Neural Networks*

Information Technologies in Education

- * *Personalization of Content Selection In An Enterprise Lms*
- * *Utilização E Aceitação Das Tic Nas Universidades de Cabo Verde*
- * *Teens Facing Fake News. Media Literacy Needs In The Classroom*
- * *Fuzzy Tool For Crowdfunding Readiness Level Assessment For Innovative Projects*
- * *Lego® Learning Accounting - A Pedagogic Model*
- * *First Round Towards The Selection of Items From Questionnaires Or Tests Guided By Kappa*
- * *Expenditure On R&d, Exports of High Technology and Sustainability*

Knowledge Management and Decision Support Systems

- * *Aplicación de Algoritmos de Machine Learning Para La Segmentación Del Consumo de Agua Potable. Caso de Estudio En Catamayo, Ecuador*
- * *Risk and Maturity Effects On Iberian Companies' Capital Structure Speed of Adjustment*
- * *The Future of Business In Smart Cities With The Application of Blockchain*
- * *Analyzing Web-Based Flood Forecasting, Warning and Evacuation Application's Design and Development Processes In Beaufort District*
- * *Refining System's Needs Analysis Using Systems Engineering Process Approach*
- * *Madurez de La Gestión Del Conocimiento En Las Pymes Colombianas: Comparativo Por Tamaño Y Antigüedad*
- * *Comparação de Abordagens de Análise de Sentimentos Aplicadas Em Jogos Digitais*

Organizational Models and Information Systems

- * *Gestão de Recolha de Resíduos Em Almada E Seixal: Aceitação da Tecnologia Iot*

- * *Iberian Banks' Performance: A Panel Data Analysis*
- * *O Sistema E-Fatura Como Medida de E-Government E Instrumento de Incentivo Fiscal Em Portugal*
- * *A Comprehensive Cybersecurity Audit Model To Improve Cybersecurity Assurance: The Cybersecurity Audit Model (csam)*
- * *Understanding Protection Motivation For Identity Theft In Information Security: An Extension of The Protection Motivation Theory With Anxiety*
- * *Application of Conformable Fractional Kumaraswamy Distribution*
- * *Proposal of A Framework For Adaptive Serious Games Using Design Science Research Methodology*

17:00 - 17:30

Coffee Break

17:30 - 19:30

Computer Networks, Mobility and Pervasive Systems

- * *Interconexión de Sensores Inalámbricos Para Sistemas de Iot*
- * *Road Education and Gis Technology As Keys To The Reduction of Traffic Accidents*
- * *Redes Definidas Por Software Sd-Wan Utilizando Dmvpn Para Empresas Corporativas*
- * *Ethical Aspects In A Virtual Reality Environment*
- * *Investigating The State of Blockchain Adoption In The South African Finance Industry*
- * *A Deep Learning Framework For Modeling Wireless Propagation Channel*
- * *Monitoring Indoor Air Quality and Occupancy With An Iot System: Evaluation In A Classroom Environment*

Health Informatics

- * *Machine-Learning Model For Classification of The Prognosis of Tuberculosis Using Real Data From Brazil*
- * *Evaluating A Deep Learning Model In Integrated Health Databases To Aid In The Prognosis of Tuberculosis*
- * *Building A Sustainable Community Strategy To Improve Wellness*
- * *Is There A Relationship Between Covid Cases and The Economically Active Population? Success Story Ecuador*
- * *Approaches To Algorithmic Trading Techniques: First Sell and Moving Average Crossover*
- * *Aplicação Utilizada, Vida Facilitada? Aplicação Sns 24: Avaliação da Sua Utilização Junto de Idosos*
- * *Mytherapy – Avaliação da Aplicação Digital Na Toma da Medicação” Será Que Está Na Hora?*
- * *Abordagem Computacional Para Avaliar A Memória de Trabalho Em Indivíduos Com Afasia*

Information Technologies in Education

- * *Relationship Between Economic Growth and E-Waste: Panel Data Evidence From 11 Latin American Countries*
- * *Enhancing Technological Education: A Podcast For Teaching Oral Expression To Students*
- * *Certificados Académicos Seguros Utilizando Tecnología Basada En Blockchain*
- * *Aprendiendo Los Ods Por Medio de Un Sistema Iot de Monitorización Ieq En El Campus*
- * *Operating Systems Courses For Large Number of University Students*
- * *La Flexibilidad Educativa Y Su Impacto En La Modalidad Híbrida*
- * *Gamificação Para Potenciar O Desenvolvimento de Jornais Escolares*

Organizational Models and Information Systems

- * *Hi Doctor Strange! Play It Again, and Discover The Metaverse - Perceptions of The Metaverse Among Gamers*
- * *System Monitoring Graduates: Utfpr-Cp*
- * *The Big Brother Experience: Oportunidades E Ameaças de Um Sistema de Videovigilância No Concelho da Amadora*
- * *Integração do Impacto dos Objetivos de Desenvolvimento Sustentável Na Design Science Research: Aplicação À App Monitorizar A Obesidade*
- * *Enhancing Banking Operations With Microservices and Mobile Technology*
- * *Possibilities of Adopting Electric Vehicles In The Agritourism Development Context*
- * *Does "Story-Making" Have The Potential To Engage Prosumers Around A Higher Education Institution's Brand? The Case of Aveiro' University*

Wednesday, 21 June 2023

09:00 - 11:00

Computer Networks, Mobility and Pervasive Systems

- * *Monitoring In Function-As-A-Service Platforms*
- * *A Systemic Mapping of Methods and Tools For Performance Analysis of Data Streaming With Containerized Microservices Architecture*
- * *Comparison of Edge Computing Scheduling Algorithms*
- * *Real-Time Monitoring and Alerting System Using Zabbix and Grafana Software For Wireless Internet Access Service Management.*
- * *Internet of Things Interoperability: A Smart Iot Gateway Approach*
- * *Uso de Spyware Integrado Com Modelos de Predic_~ao Para Monitoramento Em Computadores*
- * *Modelo de Ciberseguridad Para El Sector Logistico Y Transporte Terrestre*

Doctoral Symposium - Software Systems, Architectures, Applications and Tools

- * *Architecture Proposal For The Analysis of Chemical Components of The Soil Through The Use of Emerging Technologies*
- * *Towards A Tdd Maturity Model Through An Anti-Patterns Framework*
- * *A Cloud-Native Framework For Globally Distributed Capture and Analysis of Internet Background Radiation*
- * *Improving Mountain Trails Security*

Human Centered Computing

- * *Sistema de Desinfección de Virus Remoto: Un Caso de Estudio En Un País En Vías de Desarrollo*
- * *Estrutura Hierárquica dos Textos: Algoritmo Mostra O Objeto Semântico, As Suas Características E Funções.*
- * *A Data Tool For Exploring Gender Violence In Ecuador: Insights From A Qualitative Observation*
- * *Performance Evaluation of Collaborative Filtering Recommender Algorithms*
- * *Improving The Process of Gamified Systems Development By Emphasising Usability*
- * *Avaliação de Afásicos Fluente Em Língua Portuguesa Usando O Rastreamento Ocular*
- * *Prevenção Ao Phishing Numa Ies: Caso de Estudo Com Estudantes de Uma Instituição de Ensino Superior*

Knowledge Management and Decision Support Systems

- * *Knowledge Management In Online Travel Agencies*
- * *Factores Críticos de Éxito En La Gestión de Proyectos En El Sector Minero Del Perú, 2022*
- * *Hierarchical Clustering and Calibration Functions*
- * *Emotion Classification Using Eeg Headset Signals and Random Forests*
- * *Nudge Aplicado Ao Consumo de Tabaco - Efeito Nos Fumantes E Não Fumantes*
- * *Metaverso: Uma Análise da Estrutura Conceitual*
- * *Metaverso: Panorama Tecnológico Das Informações Registradas Em Patentes*

11:00 - 11:30

Coffee Break

11:30 - 13:30

Computer Networks, Mobility and Pervasive Systems

- * *Ie-Mesc: Um Mecanismo Iot Para Gestão de Equipamentos Em Um Campus Inteligente*
- * *As Tecnologias da Comunicação E Informação Ao Serviço da Smart Mobility - Estudo Exploratório Com Base Na Literatura*
- * *Could The Topology of Virtual Processors Affect The Performance of A Bsd-Family Os Running In A Vm?*
- * *Optimization of The Task Allocation Process In Vec With The Gwo Bioinspired Algorithm*
- * *Is-Daspa: Um Sistema Iot Para Análise de Dados Provenientes do Preparo de Solo No Agronegócio*
- * *Design and Implementation of Iaas Automation Processes In Cloud Environments*
- * *Implementation and Performance Analysis of Collaborative Peer-To-Peer Video-On-Demand Systems*

Doctoral Symposium - Organizational Models and Information Systems

- * *Digital Change Management In Healthcare Organizations*
- * *Pan Africa Business Simulation Game*
- * *Digital Platforms Transforming Local Democracies*
- * *Women In Tech Empowerment, Inclusion and Education: Interdisciplinary Study In Portuguese and Brazilian Communities*

Information Technologies in Education

- * *Entorno Virtual de Aprendizaje Para La Refactorización de Software*
- * *Software Localisation To Help Terminological Accuracy*
- * *Genially As A Resource In The Agropecuary Teaching Process*
- * *Using Genially To Design Flashcards To Teach English At Gbe Elementary*
- * *Use of Canva As A Communication Tool In The Educational Process Through Infographics*
- * *Genially: A Strategic Tool For Classroom Teaching*
- * *Information and Communication Technologies and Poverty*

Software Systems, Architectures, Applications and Tools

- * *Sistema de Información Web Para El Monitoreo Y Caracterización Del Movimiento Del Terreno de Fuentes Sísmicas de La Provincia de Chiriquí*
- * *Applying Artificial Intelligence For Talent Retention: A Systematic Literature Review*
- * *Modeling and Simulation of Electric Vehicle Driveline*

- * *Sistemas Basados En Microservicios Para La Producción Animal: Un Estudio de Mapeo Sistemático*
- * *Melhoria dos Fluxos de Informação Com Recurso À Gestão de Informação Lean E A Ferramentas de Visualização de Dados*
- * *Reconocimiento Facial de Setimientos En Pacientes En Recuperación*
- * *Statistical Analysis of The Units of Action In Facial Expressions For Emotion Recognition*

13:30 - 15:00

Lunch

15:00 - 17:00

Doctoral Symposium - Miscellaneous

- * *Covid-19 Detection From Cough Recordings Using Spatial Representations and Convolutional Neural Networks*
- * *Study of Methane Ndir Sensors Requirements For A Self-Powered Iot Node*
- * *Semantic Information Extraction From Multi-Modal Technical Documents*

Health Informatics

- * *Avaliação de Uma Tecnologia Mhealth Para A Promoção da Saúde Mental Entre Estudantes Universitários*
- * *Ranqueamento dos Requisitos Operacionais de Sistemas de Gestão de Saúde Baseados Em Blockchain Visando A Seleção de Algoritmos de Consenso*
- * *Smart Dashboard For Hoffmann Reflex Analysis*
- * *Bandas Espectrais de Energia Para Discriminação de Patologias Laríngeas Em Sinais de Fala Discriminação Entre Vozes Saudáveis E Não Saudáveis, E Entre Patologias*
- * *Un Prototipo Basado En Iot Para Apoyar El Monitoreo de Signos Vitales En Adultos Mayores*
- * *Ensemble For Quality Assessment of Eye Fundus Images Involving Deep Learning Methods*
- * *Semi-Supervised Learning With Pseudo-Labeling For Pancreatic Cancer Detection On Ct Scans*

Information Technologies in Education

- * *Level of Satisfaction of Hybrid and Online Educational Systems In University Students During Post-Pandemic Times*
- * *Emotional States and Relationship With The Educational Sense and Usefulness of Information and Communication Technologies In University Students*
- * *Testes Online Com O R/exams: Uma Solução Inteligente Para Os Momentos de Avaliação*
- * *Tics, Remesas, Redes Digitales, Transacciones*
- * *When Technologies Drive Pedagogy Learning and Teacher Training*
- * *Teachers Focused Impact Assessment of Scratch4all Project*
- * *Avaliação da Experiência de Utilização de Uma Plataforma de Apoio À Criação de Jornais Escolares*

Software Systems, Architectures, Applications and Tools

- * *Designing Learning Paths With Open Educational Resources: An Investigation In Model-Driven Engineering*
- * *Iot Single Board Computer To Replace A Home Server*
- * *Surrogate Modeling of Aerodynamic Coefficients For Unmanned Aerial Vehicle Design*
- * *Mirobriga's Tabernae - Virtual Reconstruction*
- * *O Papel dos Chatbots No Governo Eletrónico: A Consciencialização Para A Criminalidade Informática Em Portugal*

* *Dqn For Navigation In Gazebo Simulator*

* *A Data-Driven Blockchain-Based Marketplace To Promote Transparency and Accountability In City-Region Food Systems*

17:00 - 17:30

Coffee Break

17:30 - 19:30

Health Informatics

* *A Brazilian Classified Data Set For Supporting The Differential Diagnosis of Severe Acute Respiratory Syndrome (sars) By Covid-19 and Influenza*

* *Predicting Low Birth Weight Using Machine Learning Models*

* *Virtual Reality-Based Cognitive Rehabilitation For Stroke Patients Using Activities of Daily Life*

* *Detecção de Eventos Adversos Através do Twitter Utilizando O Metamap Para O Português do Brasil*

* *Automatic Application To Monitor Skin Lesions Using Thermography Images*

* *Forecasting Short-Term Indoor Radon: A Machine Learning Approach Using Lstm Networks*

* *(umind) Mobile Application To Support Digital Literacy Interventions In Mental Health: Development and Usability Study*

Information Technologies in Education

* *Educação Musical de Surdos E Deficientes Auditivos, Uma Revisão de Literatura Para Compreender Os Métodos Utilizados No Ensino de Música*

* *Influencia de La Presencialidad En Docencia Híbrida: Un Caso de Estudio Para Un Máster*

* *Tecnologias Digitais Em Língua de Sinais - Relato de Uma Revisão Sistemática da Literatura*

* *Technologies of Learning and Knowledge For The Interconnected Education of Students of The University of Guayaquil*

* *El Emprendimiento Digital, Su Evolución Y Retos En La Postpandemia*

* *Realidad Aumentada Como Apoyo En Deficit de Atención En Niños*

* *Desarrollo de Un Prototipo de Lms Para Mejorar El Aprendizaje de Los Estudiantes de Educación Básica Superior Aplicando La Metodología de Aula Invertida*

Organizational Models and Information Systems

* *Analysis of Technological Trends In Digital Public Services: The Context of Colombia.*

* *Sistemas Rolap E Dolap: Um Estudo Comparativo*

* *Covid-19 Pandemic Related Disclosures In Corporate Reports of Portuguese Listed Companies: An Interpretation of Evidence Provided By Accounting Information Systems*

* *Integrated Reporting: An Exploratory Study On The Motivations and Obstacles In The Adoption of A New Information Reporting System*

* *Evolving The Enterprise Resource Planning System In Use To Improve Control Management: A Case Study In The Communications and Multimedia Services Trade*

* *Canonical Data Model To Support Sao Tomean Legislative Process*

* *The Role of The Data Protection Officer In Local Governments: An Exploratory Study*

Software Systems, Architectures, Applications and Tools

* *Towards Secure Edge-Based Lorawan For Next Generation Wireless Communications*

- * *Gestão Suave - Uma Abordagem Baseada Em Preferências Estratégicas Para Ajustes Orçamentários*
- * *Investigation of Machine Learning Methods For Colour Audio Noise Suppression*
- * *A Routes Tourist Cities Discovery To Serra Sul Catarinense Through Genetic Algorithm*
- * *Despliegue Y Registro Automático de Api Rest Utilizando Jenkins, Spring Boot Y Wso2 Api Manager*
- * *Sistema de Apoyo Emocional Sensible Al Contexto Dedicado A La Preservación de La Salud En Adultos Mayores En La República de Panamá*
- * *A Comparison of Point Set Registration Algorithms For Quantification of Change In Spatiotemporal Data*

20:00 - 23:00 Conference Dinner

Thursday, 22 June 2023

09:00 - 11:00 Information Technologies in Education

- * *Diseño de Material Didáctico Para Carreras Stem Aplicación de Una Metodología Para La Implementación de Un Objeto de Aprendizaje Basado En Competencias Para La Enseñanza de Técnica de Casos de Uso.*
- * *Universities In Era 5.0: The Future Accountant*
- * *Factors Influencing The Self-Efficacy of Online Learning In University Students*
- * *Análise da Variabilidade da Frequência Cardíaca Para Acompanhar O Nível de Estresse Durante A Aprendizagem da Matemática*
- * *The Effect of Technological Progress, Sustainability and Human Development On Environmental Degradation In Latin America. Period 1990-2020*
- * *Stochastic Convergence of Information and Communication Technology Goods Exports. Evidence For Developing Countries.*
- * *Creating Online Lessons In D-Vet Courses – A Case Study*

Knowledge Management and Decision Support Systems

- * *Clustering The Behavior of Objective Measures In Associative Classifiers*
- * *Mitec Model Standardized Business Process (bpmn) For Talent Management In Small and Medium Enterprises*
- * *A Robust Real-Time Leather Defect Segmentation Using Yolo*
- * *Business Intelligence Over and Above Apache Superset*
- * *Towards Collaborative Privacy-Preserving Machine Learning On Private Blockchain*
- * *Quality Control Using U-Net: Detecting Defects In Leather*
- * *Uma Abordagem Baseada No Fluent Calculus Para Auxiliar A Tomada de Decisões No Direito Sucessório*

Organizational Models and Information Systems

- * *Developing Conceptualizations of Operational Technology and Service Quality For Critical Infrastructures – »devcon«*
- * *Are Enterprises From Lagging Regions Digitally Connected?*
- * *Act Against The Aggression A Preliminary Model of A Digital Platform Aimed At Cyberaggressions In The Portuguese University Environment*

- * *The Use of Information and Communication Technologies To Report On Sustainable Development Goals In Portuguese Municipalities. Case Study of Odslocal Platform*
- * *Cloud Computing Services – Emerging Trends During The Times of Pandemic*
- * *Multimedia Content In Online Advertising: Insight Into Generation Z Preferences*
- * *Feedback In Virtual Software Development Teams*

Software Systems, Architectures, Applications and Tools

- * *Diseño de Un Sistema Inteligente de Transporte*
- * *Acceptance Sampling In Quality Control: From Theory To The Web*
- * *Constrained Random Maps: Shortest Paths Assessed On The Web*
- * *Dea Method Application In The Risk Evaluation of Dams Safety On Brazilian Small Hydropower Plants*
- * *Perspectivas Del Uso de Las Tic En Los Procesos de Contabilidad-Auditoría*
- * *An Application For Teaching Children With Autism*
- * *Prediction of Hourly Solar Radiation Using An Artificial Neural Network Model In A District of Peru*

11:00 - 11:30

Coffee Break

11:30 - 13:30

Human Centered Computing

- * *Iprogme-Mr: Realidad Mixta Para La Programación Visual Y Control Remoto En La Industria 4.0*
- * *Phansound: Um Audiogame de Entretenimento Para Videntes E Deficientes Visuais*
- * *Usabilidade E Experiência do Uso de Sistemas Conversacionais Por Público Sênior Uma Revisão Sistemática da Literatura*
- * *Imagem Corporal, Comparação Social E Aparência Na Perspectiva da Vulnerabilidade Digital: Uma Análise dos Facebook Papers*
- * *Towards A Digital Platform For Goal-Oriented and Competence-Based Bundling of Volunteering*
- * *A Influência do Trabalho Remoto Nos Índices de Turnover*
- * *Understanding Student Needs Around Academic Enrollment: Insights From A Co-Design Study*

Knowledge Management and Decision Support Systems

- * *Gestión de Proyectos de Software En Trabajos de Grado Utilizando Una Metodología Ágil*
- * *Mindings The Gaps*
- * *Execution Time As A Key Parameter In The Waste Collection Problem*
- * *Gestión de La Innovación En Microempresas Familiares Turísticas: Caso de Estudio: Valles Del Sur Del Ecuador*
- * *Utilization of Uav-Borne Rgb Data For Monitoring Horses: Comparison of Classification Methods*
- * *Selected Multimedia Tools As A Tool To Compare Changes In The Landscape*
- * *Ranking Rules In Associative Classifiers Via Borda's Methods*

Organizational Models and Information Systems

- * *Status of Project Management In Portugal: Results of The 2022 Study By The Portuguese Project Management Observatory*

- * *Proposta do Pim2-Govti - Painel de Indicadores de Governança da Ti*
- * *Modelo de Performabilidade Para Sistemas de Transporte de Média Prioridade*
- * *Influence of The Adoption of A New Regulation On The Size of Companies*
- * *A Evolução da Investigação Em Dashboards: Uma Análise Utilizando Vosviewer*
- * *Crowdsourcing Design Theories: Perspectives and New Challenges In Public Management*
- * *A Brazilian Study On Data-Driven Public Service Readiness*

Software Systems, Architectures, Applications and Tools

- * *Optimization Model For Healthcare Processes Using Process Mining*
- * *A Process Discovery and Conformance Checking Integration System For The Optimization of Resources In The Application of Process Mining*
- * *Platform For The Recognition of People and Their Emotions For Smes and Startups*
- * *Previendo O Futuro: Uma Plataforma Web Para Modelação de Séries Temporais*
- * *Low-Cost Smart Hydroponic Systems For Home Environment Applications*
- * *Combinando Gestão de Riscos Em Iot Com Programação Em Lógica*
- * *Online Platform For Home Design and Project Management In Modular Construction*

13:30 - 15:00

Lunch

15:00 - 17:00

Information Technologies in Education

- * *A Realidade Virtual Num Museu de Artes Plásticas*
- * *New Classroom Technologies: Case Study of 3d Printers In Design Course*
- * *Tiktok Como Plataforma de Divulgación Educativa En Ecuador Y Perú*
- * *Optimizing HvdC Maintenance and Training Through Virtual and Augmented Reality: A Methodology Proposal*
- * *Literature Review of Educational Immersive Virtual Reality Solution Functionality Classification*
- * *Young-Adults Creating Digital Games To Promote Environmental Awareness: An Analysis of Programming Inaction Activity*
- * *Identifying Patterns of Features Used By Automatic Detectors of Gaming The System Behaviors*

Knowledge Management and Decision Support Systems

- * *Online Scheduling: A Survey*
- * *Km++knn: Um Algoritmo Rápido Para A Busca Exata de K Vizinhos*
- * *Local E-Gov Mobile Application(s) Review*
- * *Iot Smart Collect - Routing Process and Driver Guidance*
- * *Comparing User Experience: An Analysis of Usability Testing Methods For Mobile Applications*
- * *In-Depth Analysis of Mobile App Statistics: A Study and Development of A Mobile App*
- * *Smart Monitoring of Traffic Status Through An Online Tool Supported By Business Intelligence*

Organizational Models and Information Systems

- * *Tecnologia Social: A Global South Approach To Information Systems Development*

- * *Los Sistemas Fiscales Y La Evolución de La Economía Digital En Latam*
- * *Modelos E Soluções de Governança Inteligente*
- * *The Influence of Online Shopping Determinants On Customer Satisfaction In The Portuguese Market*
- * *Implementation of A Digital Transition Process For The Documentation of An Alumni Association*
- * *Unlocking The Potential of Procurement 4.0*
- * *Ontoturnover: Uma Ontologia Leve E de Domínio Para Modelar A Rotatividade de Profissionais*

Software Systems, Architectures, Applications and Tools

- * *Aceitação Tecnológica de Softwares de Automação Robótica de Processos Pelos Profissionais de Contabilidade*
- * *How Leading Public Cloud Providers Deliver Faas Environments: A Comparative Study*
- * *Adaptive Control Measures and Thermal Comfort. Input Parameters For Iot Devices*
- * *Continuous Inspection of Software Quality In An Automotive Project*
- * *Software Aging and Rejuvenation In Microservices: A Systematic Literature Mapping*
- * *Functional Extension In Python For Simulating Discrete Events In Queueing Networks*
- * *Um Estudo Comparativo Entre O Desempenho de Bancos de Dados Relacionais E de Grafos Aplicados A Consultas Hierárquicas*

17:00 - 17:30

Coffee Break

17:30 - 19:30

Health Informatics

- * *Measuring The Impact of Virtual Reality Environments In Building Empathy Towards People With Schizophrenia*
- * *Text Mining Supporting Initial Literature Review*
- * *Information Governance Architecture In Health Crisis Situations*
- * *Identificación de Tendencias Para Anticipar La Asistencia A Urgencias.*
- * *Mejora de La Segmentación Hepática Gracias Al Uso de Modalidad Cruzada Guiada Por Imágenes de Tc Y Rm*
- * *Smart Healthcare Monitoring System For Healthy Driving In Public Transportation*
- * *Profiling Individuals With Dementia Using Cluster Analysis*

Information Technologies in Education

- * *Helping To Provide Adaptive Feedback To Novice Programmers: A Framework To Assist The Teachers*
- * *Selection of Active Methodologies For Software Engineering Teaching: A Supporting Guide*
- * *Resolução Automática da Distribuição do Serviço Docente: Uma Análise Bibliométrica de 1976 A 2022*
- * *Reporte Contabilístico Em Tempos de Inflação: Uma Ferramenta Para A Tomada de Decisão*
- * *An Iot Scheme For Transforming Any Building Into An Energy-Efficient One*
- * *K12 Marco de Las Ciencias de La Computación Y Su Importancia En El Proceso de La Enseñanza-Aprendizaje En Edades Tempranas.*
- * *Uso de Bots de Navegación Para La Creación de E- Portafolios Académicos Desde Un Lms*
- * *Percepción de Uso Y Satisfacción Al Implementar Herramientas Tecnológicas Contables Y de Auditoría En La Formación*

Universitaria

Knowledge Management and Decision Support Systems

- * *Árboles de Decisión Aplicados Al Desempeño Académico En Matemáticas En La Básica Primaria*
- * *Enhancing Keystroke Biometric Authentication Using Deep Learning Techniques*
- * *Prioritization of Criteria For Evaluating The Accountability Process of Civil Social Organizations Using The Multicriteria Model*
- * *Automatic Classification of Body Condition Score of Cows: A Systematic Literature Review*
- * *Cyber Risks and Investments. How Cybersecurity Perception Affects Investor Decision-Making.*
- * *A Tool For Retrieving The Life-Cycle of Public Procurement Processes*
- * *It/ot Convergence In Industry 4.0*

Organizational Models and Information Systems

- * *Integrated Information System For Accessible Tourism: Study and Design of A Solution*
- * *Performance Evaluation and Energy Consumption of A Video Surveillance System With Distributed Storage*
- * *Proposta de Fomento de Inovação No Agreste Meridional de Pernambuco*
- * *A Crossover Operator Based On Building Blocks Preservation*
- * *Digital Transformation In The Public Sector: Preliminary Results of A Tertiary Literature Review*
- * *Reference Architecture For Data Ingestion In Data Lake*
- * *How To Ensure Lean Sustainability Through Digitization In Industry 4.0? A Study In Practical Context Using The Mlean Tool*

Friday, 23 June 2023

09:00 - 11:00

Information Technologies in Education

- * *Evaluación Del Beneficio de Las Tic Para El Desarrollo de Competencias En Microeconomía: Un Caso de Estudio*
- * *Serious Games Applied To Cases of Depression and Anxiety: A Systematic Review and Meta-Analysis*
- * *Society 5.0 and Education 5.0 - A Critical Reflection*
- * *Designing and Validating The Gamification Strategy Model of A Digital Platform To Promote Extracurricular Projects In K-12 Schools - The Gene Gamification Strategy Model*
- * *Utilizando Recursos Visuais Para Auxiliar No Processo de Ensino-Aprendizagem de Sistemas Operacionais Através do Desenvolvimento de Um Simulador*
- * *Uso de Las Redes Sociales: Percepción de Estudiantes de Pregrado*
- * *Lego® Learning Accounting - A Pedagogic Model*

Knowledge Management and Decision Support Systems

- * *A Data-Driven Identification of Teaching Patterns*
- * *Modelo de Monitoramento da Aprendizagem Com Dispositivos Biométricos Para Jogos de Simulação de Negócios: Metodologia Pbp*

- * *Iot Technologies In School Activities: Teachers' Perceptions About A Prototype*
- * *Los Nuevos Desafíos Para Los Eva's, Entornos Virtuales de Aprendizaje Post Pandemia*
- * *Virtual Study Visits: A Valuable Tool For The Educational Process*
- * *Jovens, Media E Tecnologia - Práticas E Hábitos de Estudantes de Comunicação Social No Acesso À Informação*
- * *Usos da Internet Durante Os Períodos de Confinamento Em Portugal – O Caso de Estudantes de Uma Instituição de Ensino Superior*

Software Systems, Architectures, Applications and Tools

- * *Modelo Inteligente Para La Recomendación Del Consumo de Alimentos En Adultos*
- * *Occlusion-Based Approach For Interpretable Semantic Segmentation*
- * *Decision-Making Support To Auto-Scale Smart City Platform Infrastructures*
- * *Autonlp: A Framework For Automated Model Selection In Natural Language Processing*
- * *Análise de Ferramentas de Engenharia de Caos*
- * *Machine Learning Applications In Tourism - Case Study From Colombia and Its Post-Conflict Areas*
- * *Library In Django Framework To Standardize Early-Stage Web Application Development*

11:00 - 11:30

Coffee Break

11:30 - 13:30

Human Centered Computing

- * *Analysis of Models To Measure The Maturity of Knowledge Management In Small and Medium Enterprises*
- * *A Ranking Between Attributes Selection Models Using Data From Ncaa Basketball Players To Determine Their Tendency To Reach The Nba*
- * *Estimativa de Área de Cobertura Para Dark Kitchens: Uma Abordagem A Partir da Teoria Das Filas*
- * *Dancing Into The Digital Age: Experimenting The Digitization of The Pauliteiros Folk Dances*
- * *Inteligência Artificial Como Potencializador de Um Sistema de Business Intelligence Para Auxiliar O Processo de Recrutamento Business Intelligence, Recursos Humanos E Talento*
- * *Desarrollo de Estímulos Y Destrezas Musicales de Melodía Y Ritmo, Mediante El Uso de Aplicaciones Móviles Para El Refuerzo En El Aprendizaje Musical En Niños Con Trastorno Del Espectro Autista Y Necesidades Educativas Especiales.*
- * *Diseño de Aplicaciones Tecnológicas Para Usuarios Con Autismo Utilizando Técnicas de Diseño Centrado En El Humano Y Design Thinking*

Miscellaneous 1

- * *Vital Signs Monitoring Sensors and Devices - A Case Study On Some of The Main Devices Used*
- * *Using M-Health Apps In Oncology: A Systematic Review From 2015 To 2022*
- * *Quadruped Stanford Pupper Type Robot Modeling and Simulation*
- * *The Metaverse: Investigating The Motivations and Experiences of Early Adopters*
- * *Solution Based On Convolutional Neural Networks For Automatic Counting of Aquatic Animals*
- * *Responsabilidad Social Empresarial En La Zona 7 Del Ecuador.*
- * *Rfid Application For Attendance Control In Scientific Events*

Miscellaneous 2

- * *Introducing Gamification Techniques Into A Collaborative Mobile Application For Marking Locations' Accessibility Level*
- * *Collaboration Within Architecture and Structure Based On Bim Platforms*
- * *4d Bim Supporting The Construction Planning Process*
- * *Cybersecurity Framework For Smes In Peru Based On Iso/iec 27001 and Csf Nist Controls*
- * *Complejidad Económica Para La Sostenibilidad*
- * *Assessing The Engagement of Players In Analog Board Games Through Biometric Monitoring*
- * *Construction Progress Monitoring – A Virtual Reality Based Platform*

13:30 - 15:00

Lunch

15:00 - 17:30

Social Program