

October 29, 2024

Lobby

10:00-12:30 Registration (Badges available after 11:00)

AUDITORIUM - Zoom link: <https://bit.ly/3YjATvj>

12:00-12:30 Opening session
Professor Nuno Mateus-Coelho, Conference Chair

Hotel restaurant

12:30 - 14:00 Lunch

Room 1 - session A1 - Zoom link: <https://bit.ly/3YjATvj>

14:00 - 16:00

- The Impact of Security Culture and Training when Moving to the Cloud
- Leveraging Cyber Resilience using Cloud Services
- Facilitating Informed Cyberattack Attributions: The PACT Model
- The role of key encapsulation mechanism in end-to-end encryption agility - a case for telemetry data
- Cultivating Cybersecurity Awareness Among Seafarers
- Will on the Blockchain – A Secure Concept
- SEADETEC: Advanced service for estoy detection of Cybersecurity events

Room 2 - session B1 - Zoom link: <https://bit.ly/4f0afid>

14:00 - 16:00

- The Role of Total Quality Management in Improving the Performance of Human Resources
- Information Seeking and Sharing as Gratifications Explaining Mobile Social Media Use in Pre-, During and
- Management accounting and the paradigm change - a journey through the age of digitalization
- Augmenting Bank and Economic Data for Stress-Testing with Generative Adversarial Networks
- The Challenges of Change Management and Quality Maintenance: A Case Study in Smartphone Software
- Empowering Sustainable Growth: The Critical Role of Entrepreneurial Frameworks in Development
- Promoting happiness – How to do it and why?
- An Empirical Study on the Factors Affecting the Start-ups Ecosystem

Room 3 - session C1 - Zoom link: <https://bit.ly/3YCfj3>

14:00 - 16:00

- Experiences of online and face-to-face assessment of Artificial Intelligence subject
- The Impact of Team Changes on Software Project Management
- Optimization of the Product Transition Process Between Software Integration Teams
- Strategic issues in Information Systems Planning from a high level approach
- Towards automation for rework reduction in software development: an approach
- Towards speech-driven lesson summary generation
- The Manifestation of Creativity in Business Analytics
- The Role of User-Generated Content on Brand Equity and Intention to Visit

Lobby

16:00 - 16:30 Coffee break

Room 1 - session A2 - Zoom link: <https://bit.ly/3YjATvj>

16:30 - 18:00

- Discrete Event Simulation: A Behavior Modeling Framework for Evaluating Production Schedules
- Ratio Potentiality for Prototype Identification and Interpretation in Multi-Layered Neural Networks
- Application of a useful methodology to solve inventive problems through the Substance-Field Analysis and
- Timely diagnosis of discrete-event systems
- Multiparametric basis functions on the finite element Q12
- Integrating Unity into IoT solutions

Room 2 - session B2 - Zoom link: <https://bit.ly/4f0afid>

16:30 - 18:00

- Quill & Bytes: A Qualitative Analysis on the Perceived Impacts of AI-Based Paraphrasing Tools in Academic
- AI-Powered Professionals and Digital Natives: A Correlational Analysis on the Use and Benefits of Artificial
- A review of AI application trends in industrial design
- Adoption of Deep Learning and recognition of emotion across E-learning platforms with implementation of
- Integrating AI Tools to Enhance Learning Outcomes in Modern Education Systems
- Influence of adaptability of Serious Games on learning outcomes and the application of knowledge and skills

Room 3 (remote) - session C2 - Zoom link: <https://bit.ly/3YCfj3>

16:30 - 18:00

- ČETEKTAJ: An AI-based System for Analyzing the Consistency of Testimony Against Case Files in Joint
- Fostering a Framework for Secure Data Transfer From IoT Devices To Cloud
- Cyber Supply Chain Resilience: Analyzing ISO, NIST, and NIS2 Frameworks for Mitigating Third-Party Risks
- Safeguarding the Future: Forecasting Cybersecurity and Privacy Challenges and Solutions in Emerging
- Advancing Cybersecurity: Semi-Automated Penetration Testing for Enhanced Vulnerability Detection

October 30, 2024

Room 1 - session A3 - Zoom link: <https://bit.ly/3YjATvj>

9:00 - 10:30

- Revolutionizing Recruitment with AI: Empirical Insights into Benefits and Challenges
- Implementation of Artificial Intelligence and Robotics Process Automation in Jordanian Banking Sector:
- Accelerating Decision-Making in AI: Parallelizing Monte Carlo Tree Search for Connect 4 Using CPU and GPU
- Artificial Intelligence in Identity and Access Management for Enterprise Systems
- Are Future Teachers 'Tech-savvy'? A Correlational Study on Attitudes and Perceptions on Mobile-Assisted
- Generational Insights into Cause Marketing: Understanding the Perspectives of Generation Z and Millennials

Room 3 (remote) - session C3 - Zoom link: <https://bit.ly/3YCfj3>

9:00 - 10:30

- Road Scene Analysis for Autonomous Vehicle
- Web application for monitoring pollution levels in smart cities
- Multiparameter Monitoring and Control System for Intelligent Water Management
- Artificial intelligence as-a-service in agriculture: sketching a scalable platform for multipurpose decision
- Enhancing energy management in IoT networks
- From Paper to Pixels: Teleporting History with TIMECRAX

Lobby

10:30 - 11:00 Coffee break

Room 1 - session A4 - Zoom link: <https://bit.ly/3YjATvj>

11:00 - 12:30

- A deep learning approach for face detection
- Comparison of Deep Learning and Object-Based Image Classification Methods: Identification of Horses from
- Deriving criteria for the evaluation of the relevance of error-influencing factors and preventive measures for
- Image Processing Based Machine Vision System For Datum Setting In Computer Numeric Control Machine
- Enhanced 3D Human Pose Estimation in Autonomous Vehicles Using Multi-Modal Sensor Fusion and Deep
- Towards Experiments for Comparing Anytime Algorithms to Optimize Assignments of Electric Vehicles To

Room 2 - session B4 - Zoom link: <https://bit.ly/4f0afid>

11:00 - 12:30

- Smart gate model in a maritime container port: Processes, technologies and information model
- Wood Moisture Control empowered by Low-Code: OutSystems by example, a practical setup in Industrial
- Residual Biomass Supply Chain digitalization: a theoretical framework to the information systems
- How Online Food Retailing Shapes Packaging Design
- Environmental Assessment of Reusable Packaging for Pharmaceutical Logistics

Room 3 (remote) - session C4 - Zoom link: <https://bit.ly/3YCfij3>

11:00 - 12:30

- A Critical Reliable Model for Promoting Patient Medical Wireless Sensors Information Security
- Data format optimization for subsequent analyses of hospitalization data
- SchizoReadPredict: A Tool for Prediction Readmission Risk of Schizophrenia Patients in a Spanish Region
- An investigative study on the usability of Machine Learning and Artificial Intelligence approaches on
- Tuning Data Preprocessing Techniques in Enhancing the Accuracy of Self-Organizing MAP (SOM) for Prostate
- Enhancing Smart Healthcare Systems with Machine Learning: A Cardiovascular Disease Prevention
- Development Of A Web-Based System Dynamics Simulation And Benchmarking Environment For Medical

Hotel Restaurant Boreira Garden

12:30 - 14:00

Lunch

Room 1 - session A5 - Zoom link: <https://bit.ly/3YjATvj>

14:00 - 16:00

- Music Genre Classification Based on BiLSTM Model
- Factors Affecting Key Success of Community-Based Tourism Management in Chumphon Province, Thailand
- The Impact of Environmental and Components of Tourism on Community Participation in Ecotourism:
- Complex Tourism Dynamics and Fiscal Sustainability
- Digital Transformation of Public Finances: An Exploratory Case Study from the Global South
- The Impact of Digital Divide on Women: A Rural Community Case
- The Cart before the horse or the horse before the cart – towards AI Policy for Business Practices in Africa
- A Case Study on Innovation Performance of the EU Countries

Room 2 - session B5 - Zoom link: <https://bit.ly/4f0afid>

14:00 - 16:00

- A Bibliometric Analysis of Free Open-Source Software Adoption (2001-2023)
- Practices, Capabilities, and Strategies For Achieving Net-Zero Economy: An Exploratory Study in The
- Improving warehouse operations: leveraging simulation for efficient layout design and process improvement
- Capacity Planning in Maintenance Repair and Overhaul Operations: Evaluating Uncertainty with Discrete
- An Overview of the Opportunities and Challenges of Data Analytics in Industrial Management
- A route optimization approach for incentivizing self-pickups in last-mile deliveries
- Advancing circular economy in the textile industry: A Comprehensive Study of Reverse Logistics and
- A decision support system to define new inventory management policies in companies transitioning towards

Room 3 (remote) - session C5 - Zoom link: <https://bit.ly/3YCfj3>

14:00 - 16:00

- Interplay of Critical Factors in Effective Agile Projects
- Concept Development Method Using Orthogonal Arrays
- Evaluating Linux Distributions and Kernel Versions Through a Standardized Performance Test Battery
- MicroArc: Event Driven Analysis and Design Method for Microservices
- IT Project Management in a Remote Work Environments
- The Analysis of Digital Leadership, Organizational Influence and PM Method to Agile PM Effectiveness: An
- Exploring practitioners' perspective on user experience and agile software development
- Establishing Criteria for Effective AI Adoption in Industry

Lobby

16:00 - 16:30

Coffee break

Room 1 - session A6 - Zoom link: <https://bit.ly/3YjATvj>

16:30 - 18:00

- Generational Variations in Customer Engagement, Satisfaction, and Churn Rate: A Study of the Subscription
- A Model for the Evaluation of User Satisfaction with Recommendation Systems of Entertainment Platforms
- Data-Driven Fashion Trend Identification: Utilizing Text Mining for New Product Development Process
- Information Architecture (IA) mapping processes and their impact on Registered Knowledge Management
- Semantic mediation: a literature review on semantic interoperability through ontologies
- Critical Success Factors for Virtual Teams: Evidence from Undergraduate Students in Sri Lanka
- Determining The Key Factors of Effective Agile Project Implementation

Room 2 - session B6 - Zoom link: <https://bit.ly/4f0afid>

16:30 - 18:00

- BIM + VR integration applied in a multidisciplinary project
- Development of Artificial Neural Networks for Predicting the Construction Costs of WWTPs in Greece
- Real-Time Environmental Monitoring in Smart Buildings Using Federated Learning
- The problem of using ChatGPT in Industry
- A SWOT Analysis Approach for Assessing the Sustainable Transition in the Coal Energy Sector in Germany
- Strategies for developing user experience evaluation instruments

Room 3 (remote) - session C6 - Zoom link: <https://bit.ly/3YCfj3>

16:30 - 18:00

- University-based Makerspace for Entrepreneurial Startup Teams
- Open Innovation in the Public Sector
- Listen too much! Effect of supervisors' ratio of listening and speaking in one-on-one meetings on
- Campus@5.0: Digitalization and sustainability to serve an intelligent campus – mobile app concept and
- A Multifactor Stochastic Model of Countering Steganographic Attacks Under Differential Game Conditions
- Master Data Management and its optimisation: an assessment of the maturity level on the example of a

October 31, 2024

ISLA - Auditorium Link: <https://bit.ly/3YjATvj>

10:00 -
12:00

Keynote session: "Performance Management and KPIs for Industry 4.0 and Enterprise Sustainability"

Keynote session: "Quantum Security - Securing the Next Generation"

Closing session with Prof. Manuela Cruz-Cunha - Senior Scientific Committee