

## October 4, 2023

*[Auditorium] Radisson Blu Hotel, Floor -1, Miguel Angelo I - Zoom link: <https://bit.ly/3Q26M8H>*

14:30 - 16:15	<p><u>Opening session</u></p> <p>Professor Nuno Mateus-Coelho, Organization chair</p> <p><u>Keynote session: "Gaining Proficiency in Design Science Research"</u></p> <p>Professor Alan R. Hevner, Distinguished University Professor and Eminent Scholar, University of South Florida</p> <p><u>Keynote session: "Quantum Cybersecurity - Navigating the Quantum Fronti"</u></p> <p>Professor Nuno Mateus-Coelho, Lusófona University</p>
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*Radisson Blu Hotel Lobby, Floor -1*

17:00 - 18:30	iSCSI 2023 Welcome Cocktail
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## October 5, 2023

*Room Picasso - session A1 - Zoom link: <https://bit.ly/3Q26M8H>*

9:30 - 11:00	<ul style="list-style-type: none"><li>- Towards a Data Catalog for Data Analytics</li><li>- Supporting non-experts in creating Machine Learning models.</li><li>- Efficient Feature Clustering for High-Dimensional Datasets: A Non-Parametric Approach</li><li>- A DSR Approach for the Design of a Hybrid Crowd-Algorithmic RLHF-based Scientometric Data Analysis System</li><li>- Unlocking Channel Opportunities: Enhancing Store-Level Performance through Predictive Modelling</li><li>- From data to success: The interplay between business analytics, individual net benefits, and firm performance</li></ul>
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*Room Dalí - session B1 - Zoom link: <https://bit.ly/3F0P0MM>*

9:30 - 11:00	<ul style="list-style-type: none"><li>- VR System Using Sony's Virtual Reality Headset in Pathological Anatomy</li><li>- Single Image Dehazing via Regional Saturation-Value Translation</li><li>- Implementing Telematics System Design for Traffic Violations &amp; Challans Vehicles</li><li>- Computer vision based Panoptic Driving Perception under various weather conditions</li><li>- Comprehensive survey on agent based Deep Learning techniques for Space landing Missions</li><li>- Navigating Technology Adoption/Acceptance Models</li></ul>
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*Room Rembrandt 2 - session C1 - Zoom link: <https://bit.ly/46C6V86>*

9:30 - 11:00	<ul style="list-style-type: none"><li>- Digitalisation and its Impact on the Effectiveness of Social Protection Programmes: A Case from South Africa</li><li>- Exploring the Role of Digital Innovation in Management and Business Literature: A Bibliometric Analysis</li><li>- A study for innovation of methodologies and processes in digitisation and digital creation for improving the interaction with the Cultural Heritage</li><li>- Digitalization and Cybersecurity in SMEs: A Bibliometric Analysis</li><li>- An intelligent platform-based tool for the development of digital transformation strategies</li><li>- Interaction of the spatial configurations and active mobility in megacity, Thailand</li></ul>
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*Lobby*

11:00 - 11:30	Coffee break
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*Room Picasso - session A2 - Zoom link: <https://bit.ly/3Q26M8H>*

11:30 - 13:00	<ul style="list-style-type: none"><li>- A family of recognition algorithms based on the construction of k-dimensional threshold rules</li><li>- Investigating the properties of mixed finite elements</li><li>- Data Science with Data Mining and Machine Learning</li><li>- ICON: Imbalanced Classification with modified OPTICS and k-Naive Bayes Classifier</li></ul>
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*Room Dalí - session B2 - Zoom link: <https://bit.ly/3F0P0MM>*

11:30 - 13:00	<ul style="list-style-type: none"><li>- Detecting road signs and deformations for road safety in Senegal</li><li>- Detection of Potholes and Speed breaker for Autonomous Vehicles</li><li>- ZKAV:Zero Knowledge proof for Automotive vehicles</li><li>- User experience heuristics for in-vehicle infotainment systems</li><li>- Early Detection of Alzheimer's Disease Using Artificial Intelligence</li><li>- Edge architecture for the automation and control of flexile manufacturing lines</li><li>- Blockchain Solutions for Authorization and Authentication</li></ul>
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*Room Rembrandt 2 - session C2 - Zoom link: <https://bit.ly/46C6V86>*

11:30 - 13:00

- Sustainable Social Business: Contribution of Social Innovation and Civil Society
- Impact of social innovation on value in cooperatives: a systematic literature review and a modeling attempt
- Assessment of motivators to enhance the collaboration between organizations and a Polytechnical Institute
- **Frugal Innovation**
- Mastering citizen involvement in international open innovation challenges: Interim lessons learned of the FRANCIS project
- Job satisfaction brought about by the innovative personality of the supervisor: Adding new dimensions to leadership research
- Individual Competency Casual Factors Affecting Performance of Academic Personnen in Higher Education Institution

*Radisson Blue Hotel Restaurant*

13:00 - 14:30

Lunch

*Room Picasso - session E - Zoom link: <https://bit.ly/3Q26M8H>*

14:30 - 16:30

- An intelligent research environment on cotton diseases and pests based on a cotton phytosanitary surveillance ontology ontoSYSPARCOTCI.
- Knowledge-based Estimation of the Impact of the COVID-19 pandemic on Changes in Japanese Youths' Self-Consciousness about Their Face and Body Images
- Agent-based simulation and SEIR models for predicting the spread of a pandemic in Cuba
- TP53 Genetic Testing and Personalized Nutrition Service
- Deep Learning-based Lightweight Models for Bactrocera Oleae Detection
- Evaluation of measures to protect the environment from the harmful effects of floods (in the example of Ukraine)
- Ant Colony Optimization based Support Vector Machine for Improved Classification of Unbalanced Datasets
- Detection of bacterial spot disease on tomato leaves using a Convolutional Neural Network (CNN)
- Artificial Intelligence-based Flow Cytometer for Real-time Algae Monitoring

*Room Dalí- session G3 - Zoom link: <https://bit.ly/3F0P0MM>*

14:30 - 16:30

- A Solution for Submitting Expenses
- Travel Advisor Web Application
- Cloud computing for big data analytics
- Low-code development of backend applications
- Designing AI-based User Interfaces for Web Applications: A framework proposal
- Understanding Consumer Perceptions of Green Software: A study in the Online Social Media Marketing Context
- Smart Customer Churn Management System Using Machine Learning
- Enhancing Restaurant Management through Aspect-Based Sentiment Analysis and NLP Techniques
- ChatGPT based recommendation system for retail shops.

*Room Rembrandt 2 - session C3 - Zoom link: <https://bit.ly/46C6V86>*

14:30 - 16:30

- SSENPV's Integrated Management Platform
- Use of basic programming tools for university students with school preparation other than information technology
- Digital Entrepreneurship: An empirical Approach on Students' Perceptions and Attitudes
- Enhancing Online Learning: A Model-Based Approach Using Ontologies, Artificial Intelligence, and Machine Learning on Learner Usage Styles in Virtual Space
- Open Innovation adoption in healthcare through bibliometric analysis
- Understanding Strategic Impact of Digital Resources as Antecedents of Work from Home Productivity
- Generations and Work Motivation - Ageism and The Practices of Human Resource Management
- A Review of Educational Data Mining Trends

*Lobby*

16:30 - 17:00

Coffee break

*Meeting at the Hotel Lobby - TBD*

17:00 - 20:00

Hop On Hop Off - Lisbon sightseeing bus tour

*Radisson Blu Hotel, Floor -1, Miguel Angelo III*

20:00 - 22:00

Excellence Award Gala Dinner

## October 6, 2023

### *Room Picasso - session G1 - Zoom link: <https://bit.ly/3Q26M8H>*

9:30 - 11:00	<ul style="list-style-type: none"><li>- Enrichment Of Chinese Products Displayed On Brazilian Marketplaces</li><li>- Overcoming Business Disruption for MICE Business (Powered by Zoho CRM)</li><li>- The economic impact of crowd-shipping based on public transport in Egypt: a GA approach</li><li>- Enhancing Door-to-Door Delivery Services: A Mobile Application Integrating Maps and Billing System for MilkDelivery</li><li>- Large-scale Probabilistic Forecasting of Consumer Engagement of CPG Products using Heterogeneous Web Data</li><li>- The Relationship Between Organizational Politics and Organizational Citizenship Behavior in The Management Perspective:</li></ul>
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### *Room Dalí - session H1 - Zoom link: <https://bit.ly/3F0P0MM>*

9:30 - 11:00	<ul style="list-style-type: none"><li>- Hyperparameter Optimization for Impulsive Sound Classifiers</li><li>- Comparing Power Models for circuits design with Mathematical Language Processing</li><li>- Characterization and Performance Evaluation of ESP32 for Real-time Synchronized Sensor Networks</li><li>- A load-shedding mechanism using the binary number generator in photovoltaic DC microgrids</li><li>- Image Guided Depth Completion Using LiDAR and Monocular Camera</li><li>- Online Concept Drift Detector: Optimally Balancing Delay Detection, Runtime, Memory, and Accuracy</li></ul>
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### *Room Rembrandt - session I1 - Zoom link: <https://bit.ly/46C6V86>*

9:30 - 11:00	<ul style="list-style-type: none"><li>- A Fast Iris Liveness Detection for Embedded Systems using Textural Feature Level Fusion Algorithm</li><li>- Development of Fuzzy C-Means with Fuzzy Chebyshev for genomic clustering solutions addressing cancer issues</li><li>- Analysis of the relationship between self-esteem and depression</li><li>- Design and Prototyping of an Affordable Mechanical Ventilator for Mass Production in Respiratory Failure Patients</li><li>- Technological Advancements in e-Healthcare: A Comprehensive Assessment in orthopaedics-patient relationship management</li><li>- Diabetes Technologies: A Comprehensive Study of Technological Tools in Disease Management</li></ul>
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### *Lobby*

11:00 - 11:30	Coffee break
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### *Room Picasso - session G2 - Zoom link: <https://bit.ly/3Q26M8H>*

11:30 - 13:00	<ul style="list-style-type: none"><li>- Portuguese Banks Efficiency: A Data Envelopment Analysis</li><li>- Applications of IOT in Sub-Saharan Africa: An Overview</li><li>- Personhood Global Whispers: Ethical Echoes of Decentralization?</li><li>- Prototyping and usability evaluation of mobile-based-application for accessible tourism market: the view of tourism</li><li>- The use of IT and OER to support remote sustainable work in Europeans Green Economy</li><li>- BERT Model for Sentiment Analysis on The Presidential Candidates of Indonesia 2024 on X</li></ul>
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### *Room Dalí - session H2 - Zoom link: <https://bit.ly/3F0P0MM>*

11:30 - 13:00	<ul style="list-style-type: none"><li>- Earthquake Prediction Using Artificial Intelligence Neural Network Models</li><li>- Interpretable Time Series Models for Wastewater Modeling in Combined Sewer Overflows</li><li>- Energy Consumption Analysis in SCADA: A Case Study in the Glass Container Industry</li><li>- The potential of publicly available weather forecasts for market operations in aggregated photovoltaic plants</li><li>- The Outcomes of Smart Irrigation System using Machine Learning to minimize water usage within the Agriculture Sector</li><li>- Predictive Maintenance System for Wafer Transfer Robot Using Gaussian Mixture Model and Mean-Shift Clustering</li></ul>
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### *Room Rembrandt - session I2 - Zoom link: <https://bit.ly/46C6V86>*

11:30 - 13:00	<ul style="list-style-type: none"><li>- Natural Language Processing for Identifying Patients With Inflammatory Bowel Disease on Twitter and Learning From Their Personal Experience</li><li>- Vision-based fingerspelling recognition for an assistive technology system</li><li>- Deep Learning Empowered Decision Support Systems for Thyroid Cancer Detection and Management</li><li>- A Multi-Layered Hybrid Machine Learning Algorithm (MLHA) for Type II Diabetes Classificatio</li><li>- New haptic systems for elicit emotions in audio-visual events for hearing impaired people</li><li>- Integrating Trustworthy Mechanisms to Support Data and Information Security in Health Sensors</li></ul>
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### *Radison Blue Hotel Restaurant*

13:00 - 14:30	Lunch
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### *Room Picasso - session J1 - Zoom link: <https://bit.ly/3Q26M8H>*

14:30 - 16:30	<ul style="list-style-type: none"> <li>- Sustainability assessment of production networks using simulation-data-based process mining</li> <li>- FAIR: Cyber Security Risk Quantification In Logistics Sector</li> <li>- Using AI to process hand-drawn drafts in industrial automation applications</li> <li>- From Data to Decisions: Optimizing Supply Chain Management with Machine Learning-infused Dashboards</li> <li>- Collaborative projects: sustainable development and risk management in the corrugated cardboard industry</li> <li>- Edge architecture for the automation and control of flexible manufacturing lines</li> <li>- A generalized disjunctive graph model for a complex production problem</li> <li>- Strategic Scenario Study of Industry 4.0 Prospects</li> <li>- Digital Transformation in Manufacturing: The Synergy of Chatbots and Tailored Gamification Strategies</li> </ul>
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*Room Dalí - session D1 - Zoom link: <https://bit.ly/3F0P0MM>*

14:30 - 16:30	<ul style="list-style-type: none"> <li>- Creating a Topic Map for representing Network Security Competencies</li> <li>- Applying Blockchain Technology into Big Data: Advantages and Challenges</li> <li>- Blockchain Technology, Structure, and Applications: A Survey</li> <li>- Blockchain and Smart Contracts Based Agricultural Supply Chain</li> <li>- Blockchain Technology: A scrutiny into Hyperledger Fabric for Higher Education Institutions</li> <li>- Enhancing e-IDs authentication with NFC</li> <li>- Decentralize transaction records of payment gateway based digital payment using Blockchain and IPFS</li> <li>- Proof-of-Evidence Protocol for a Secure, Impartial Cryptocurrency Network</li> </ul>
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*Room Rembrandt - session F - Zoom link: <https://bit.ly/46C6V86>*

14:30 - 16:30	<ul style="list-style-type: none"> <li>- A System Literature Review of Knowledge Management in Business Context</li> <li>- Methodological guidelines for design science research</li> <li>- A Core Domain Ontology for Specifying the Business View of Enterprise Information</li> <li>- Exploratory prompting of large language models to act as co-pilots for augmenting business process work in document classification</li> <li>- An Architectural View Model for Designing and Implementing Microservices-based Systems: Use Case in FinTech</li> <li>- Conceptual Analysis of Sensitive Business Processes</li> <li>- User-Centric Business Model in the Phygital Age</li> <li>- Design of a BPMN Extension for Sensitive Business Process Specification</li> </ul>
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*Lobby*

16:30 - 17:00	Coffee break
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*Room Picasso - session J2 - Zoom link: <https://bit.ly/3Q26M8H>*

17:00 - 18:30	<ul style="list-style-type: none"> <li>- Research Paper Industry 5.0</li> <li>- A digital twin concept for optimizing the use of high-temperature heat pumps to reduce waste in industrial renewable energy systems</li> <li>- A Collaborative AR/VR Platform for Social Manufacturing</li> <li>- SensNet: An End-to-End Deep Learning-based BLE-IMU Fusion Positioning System for Industry 4.0 <i>(will not be presented)</i></li> </ul>
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*Room Dalí - session D2 - Zoom link: <https://bit.ly/3F0P0MM>*

17:00 - 18:30	<ul style="list-style-type: none"> <li>- Drones as an Example of the Use of Smart Technologies in Cooperation with the State Security Forces in the Context of the</li> <li>- ABAC-PA2: Attribute-Based Access Control Model with Privacy aware Anonymous Access</li> <li>- Investigation of crypto-algorithms for Stability Assessment</li> <li>- Evaluation of Asfalia, a Security Attack Event Monitoring Framework</li> <li>- Artificial Intelligence as an Innovative Element of Support in Policing</li> </ul>
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*Room Rembrandt - session I3 - Zoom link: <https://bit.ly/46C6V86>*

17:00 - 18:30	<ul style="list-style-type: none"> <li>- Supporting customer care and analytics with personal AI assistant: Case study of a food wholesale industry</li> <li>- Brain-controlled computer tasks for paralyzed persons: framework overview</li> <li>- Digital Technologies in the healthcare: Literature review</li> <li>- Secondary use of data for data analysis: A case of modeling medical data for treatment analysis and assessment</li> <li>- CNN and XGBoost for Automatic Segmentation of Stroke Lesions using CT Data</li> <li>- Deep learning for predicting respiratory rate from physiological signals</li> </ul>
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*Lobby*

18:30 - 19:00	iSCSI 2023 Farewell Cocktail
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