

October 29, 2024

Lobby

10:00-12:00 Registration

AUDITORIUM / Room X - Zoom link:

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: xxx

14:00 - 16:00

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

Room 2 - session B1 - Zoom link: xxx

14:00 - 16:00

- 349 The Role of Total Quality Management in Improving the Performance of Human Resources
- 454 Information Seeking and Sharing as Gratifications Explaining Mobile Social Media Use in Pre-, During and Post-Disaster
- 424 Management accounting and the paradigm change - a journey through the age of digitalization
- 409 Augmenting Bank and Economic Data for Stress-Testing with Generative Adversarial Networks
- 407 The Challenges of Change Management and Quality Maintenance: A Case Study in Smartphone Software Design
- 469 Empowering Sustainable Growth: The Critical Role of Entrepreneurial Frameworks in Development
- 472 Promoting happiness – How to do it and why?

Room 3 - session C1 - Zoom link: xxx

14:00 - 16:00

- 467 Experiences of online and face-to-face assessment of Artificial Intelligence subject
- 404 The Impact of Team Changes on Software Project Management
- 379 Optimization of the Product Transition Process Between Software Integration Teams
- 429 Strategic issues in Information Systems Planning from a high level approach
- 431 Towards automation for rework reduction in software development: an approach
- 372 Towards speech-driven lesson summary generation
- 399 The Manifestation of Creativity in Business Analytics

Lobby

16:00 - 16:30 Coffee break

Room 1 - session A2 - Zoom link:

16:30 - 18:00

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

Room 2 - session B2 - Zoom link:

16:30 - 18:00

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

Room 3 (remote) - session C2 - Zoom link:

16:30 - 18:00

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

October 30, 2024

Room 1 - session A3 - Zoom link:

9:00 - 10:30

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

Room 3 (remote) - session C3 - Zoom link:

9:00 - 10:30

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

Lobby

10:30 - 11:00

Coffee break

Room 1 - session A4 - Zoom link:

11:00 - 12:30

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

Room 2 - session B4 - Zoom link:

11:00 - 12:30

- 425 Smart gate model in a maritime container port: Processes, technologies and information model
- 452 Wood Moisture Control empowered by Low-Code: OutSystems by example, a practical setup in Industrial Environment
- 364 Residual Biomass Supply Chain digitalization: a theoretical framework to the information systems development
- 369 How Online Food Retailing Shapes Packaging Design
- 417 The Role of User-Generated Content on Brand Equity and Intention to Visit
- 368 Environmental Assessment of Reusable Packaging for Pharmaceutical Logistics

Room 3 (remote) - session C4 - Zoom link:

11:00 - 12:30

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

Hotel restaurant

12:30 - 14:00

Lunch

Room 1 - session A5 - Zoom link:

14:00 - 16:00

- 375 Music Genre Classification Based on BiLSTM Model
- 359 Factors Affecting Key Success of Community-Based Tourism Management in Chumphon Province, Thailand
- 334 The Impact of Environmental and Components of Tourism on Community Participation in Ecotourism: Evidence from The
- 410 Complex Tourism Dynamics and Fiscal Sustainability
- 456 Digital Transformation of Public Finances: An Exploratory Case Study from the Global South
- 459 The Impact of Digital Divide on Women: A Rural Community Case

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| | <ul style="list-style-type: none"> - 477 The Cart before the horse or the horse before the cart – towards AI Policy for Business Practices in Africa - 403 A Case Study on Innovation Performance of the EU Countries |
| | <i>Room 2 - session B5 - Zoom link:</i> |
| 14:00 - 16:00 | <ul style="list-style-type: none"> - 388 A Bibliometric Analysis of Free Open-Source Software Adoption (2001-2023) - 414 Practices, Capabilities, and Strategies For Achieving Net-Zero Economy: An Exploratory Study in The Manufacturing Sector - 405 Improving warehouse operations: leveraging simulation for efficient layout design and process improvement in a picking by line - 435 Capacity Planning in Maintenance Repair and Overhaul Operations: Evaluating Uncertainty with Discrete Event Simulation - 427 An Overview of the Opportunities and Challenges of Data Analytics in Industrial Management - 338 A route optimization approach for incentivizing self-pickups in last-mile deliveries - 426 Advancing circular economy in the textile industry: A Comprehensive Study of Reverse Logistics and Operational Practices in - 408 A decision support system to define new inventory management policies in companies transitioning towards data-driven |
| | <i>Room 3 (remote) - session C5 - Zoom link:</i> |
| 14:00 - 16:00 | <ul style="list-style-type: none"> - 350 Interplay of Critical Factors in Effective Agile Projects - 470 Concept Development Method Using Orthogonal Arrays - 430 Evaluating Linux Distributions and Kernel Versions Through a Standardized Performance Test Battery - 438 MicroArc: Event Driven Analysis and Design Method for Microservices - 464 IT Project Management in a Remote Work Environments - 466 The Analysis of Digital Leadership, Organizational Influence and PM Method to Agile PM Effectiveness: An Indonesian Context - 355 Exploring practitioners' perspective on user experience and agile software development - 448 Establishing Criteria for Effective AI Adoption in Industry |
| | <i>Lobby</i> |
| 16:00 - 16:30 | Coffee break |
| | <i>Room 1 - session A6 - Zoom link:</i> |
| 16:30 - 18:00 | <ul style="list-style-type: none"> - 353 Generational Variations in Customer Engagement, Satisfaction, and Churn Rate: A Study of the Subscription Market - 363 A Model for the Evaluation of User Satisfaction with Recommendation Systems of Entertainment Platforms - 354 Data-Driven Fashion Trend Identification: Utilizing Text Mining for New Product Development Process - 380 Information Architecture (IA) mapping processes and their impact on Registered Knowledge Management (RKM) - 376 Semantic mediation: a literature review on semantic interoperability through ontologies - 463 Critical Success Factors for Virtual Teams: Evidence from Undergraduate Students in Sri Lanka |
| | <i>Room 2 - session B6 - Zoom link:</i> |
| 16:30 - 18:00 | <ul style="list-style-type: none"> - 397 BIM + VR integration applied in a multidisciplinary project - 373 Development of Artificial Neural Networks for Predicting the Construction Costs of WWTPs in Greece - 474 Real-Time Environmental Monitoring in Smart Buildings Using Federated Learning - 458 The problem of using ChatGPT in Industry - 478 A SWOT Analysis Approach for Assessing the Sustainable Transition in the Coal Energy Sector in Germany - 468 Strategies for developing user experience evaluation instruments |
| | <i>Room 3 (remote) - session C6 - Zoom link:</i> |
| 16:30 - 18:00 | <ul style="list-style-type: none"> - 442 University-based Makerspace for Entrepreneurial Startup Teams - 343 Open Innovation in the Public Sector - 329 Listen too much! Effect of supervisors' ratio of listening and speaking in one-on-one meetings on subordinates' motivation - 396 Campus@5.0: Digitalization and sustainability to serve an intelligent campus – mobile app concept and prototype - 392 A Multifactor Stochastic Model of Countering Steganographic Attacks Under Differential Game Conditions Taking into Account - 339 Master Data Management and its optimisation: an assessment of the maturity level on the example of a medium-sized |

October 31, 2024

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| | <i>ISLA - Auditorium</i> |
| 10:00 - 12:00 | <p><u>Keynote session: "Performance Management and KPIs for Industry 4.0 and Enterprise Sustainability"</u></p> <p>Professor François Vernadat, University of Lorraine, France</p> <p><u>Keynote session: "European Cyber Security Landscape "</u></p> <p>NATO - Dr. Bem Hiller</p> <p><u>Closing session</u></p> <p>Professor Nuno Mateus-Coelho, Lusófona University</p> |