

DPISE 2022 PROGRAM

| | |
|-------------------|--|
| 02:00 P.M. | Opening Session (Room: 0.08/Ed.11) President of the School of Engineering, Prof. Pedro Arezes Director of ALGORITMI Centre, Prof. José Machado Director of the Department of Production and Systems, Prof. Sameiro Carvalho Director of DPISE, Prof. Paula Ferreira Best Papers Awards Announcement |
|-------------------|--|

PARALLEL SESSIONS #A

| Session A1 Room: 0.08/Ed.11 | | Session A2 Room: 0.10/Ed.11 |
|---------------------------------------|--|---|
| 02:30 P.M. | Development of a competence assessment model for Engineering Project Management Mariane Cásseres de Souza | Literature review for identify sustainable criteria for decision model of Robotic Process Automation implementation Leonel Filipe Santos Patrício |
| 02:45 P.M. | Socio-economic assessment of development projects: A methodological contribution Thomaz Medeiros Raposo Fagá | An integrated vision of quality measurements Catarina Cubo |
| 03:00 P.M. | A Scheduling Approach to Optimizing Forest Firefighting Marina Araújo de Matos | Linking sustainable development goals to electricity generation externalities Carlos Roberto de Sousa Costa |
| 03:15 P.M. | Ergonomics and Human Factors as a Requirement in Collaborative Robotic Systems André Cardoso | A model for project portfolio risk assessment considering impact on project portfolio success and risk factor interactions Camilo Andrés Micán Rincón |
| 03:30 P.M. | Intelligent System for occupational safety and well-being in the retail sector Inês Prudêncio Sena | An exact approach based on a branch-and-price algorithm for an integrated production routing problem Mário Leite |
| 03:45 P.M. | Multivariate Statistical Method to Detect Drowsiness on Drivers Ana Rita Oliveira Antunes | Occupational exposure to incidental nanoparticles: a case study on additive manufacturing Marta Maia de Sousa |

04:00 P.M. Break

PARALLEL SESSIONS #B

| Session B1 Room: 0.08/Ed.11 | | | Session B2 Room: 0.10/Ed.11 | | |
|---------------------------------------|--|---|---------------------------------------|--|--|
| 04:20 P.M. | Consumer willingness to participate in demand-side management: An agent-based modeling approach Sara Sadat Golmaryami | Algorithms based on Deep Learning in the context of Agriculture 4.0 João Carlos Sampaio Maldonado Costa Mendes | | | |
| 04:35 P.M. | Development of a framework and methodology for the deployment of a Performance Measurement System Flávio Avelino Vilaça da Cunha | Machine Learning and Optimization: a Combinatory Study Beatriz Flávia Azevedo | | | |
| 04:50 P.M. | Contributions to the Industrialization Process in the Construction Industry Sara Rego da Costa | Multi-objective Optimization for Distributed Production Scheduling in Industry 4.0, what has been studied, what is being studied and what can be studied? Francisco Álvaro dos Santos | | | |
| 05:05 P.M. | A Lean approach for overcoming barriers in Data Science projects Natan Labarrère Mendes | Social dynamics in complex energy systems models Alaize Dall'Orsoletta | | | |
| 05:20 P.M. | Regulatory challenges and constraints for shale gas development in South America Andrea dos Santos Gomes | Digital web/app system for home health care service management Filipe Marcelo Ferreira Alves | | | |
| 05:35 P.M. | Resource Selection Model, in the Global Market, tools and criteria, in scope of Industry 4.0. Miguel Ângelo | Multi-Project Scheduling Under Uncertainty: an approach to exploit resource flexibility Marzieh Aghileh | | | |
| 05:50 P.M. | Closing Session (Room: 0.08/Ed.11) Best Poster Award Announcement | | | | |