

# 3<sup>RD</sup> SYMPOSIUM OF APPLIED RESEARCH (SAR)

Thursday 24 May 2018

14:00 – Opening Ceremony

14:15 – Workshop ‘Artificial Intelligence’ by Accenture

15:00 – Flash Talks by IPCA-EST Master Students

## Master Thesis in Course

Moderator: Nuno Dias

15:05 *Accessing digital preservation platforms using CMIS standard*

Ricardo Machado, Luís Ferreira & José Ferreira.

15:10 *Procedural Audio Generation Applied to Digital Games*

Juliana Quintas, Alberto Simões & José Gomes

15:15 *Remote access for monitoring and control a learning platform of automation*

Vitor Cunha & Vitor Carvalho

15:20 *Psychosocial Risks Management In Organizations: The COPSOQ II Application*

Patrícia Cibrão, Gabriela Ramos and Estela Vilhena.

15:25 *IoT Low Frequency Tracking Platform*

Michael Matias, Luís Ferreira & Helder Quintela

15:30 *Game Mechanics Influenced by Biometric Sensors*

João Petersen, Vitor Carvalho & Eva Oliveira

Moderator: Luís Ferreira

15:35 *Textile Thread Analysis Instrumentation System*

Ricardo Pinto, Filipe Pereira & Vitor Carvalho

15:40 *Quality in the Automotive Sector*

Sónia Marques, Martinha Pereira & Estela Vilhena

15:45 *Animal Tracking*

Nuno Coelho, Luis Ferreira & Helder Quintela.

15:50 *LEA Game*

José Vilaça & Duarte Duque

15:55 *Analysis and Optimization of an Initialization of a Linux-based Qt-powered HMI System*

Brian Martins, Daniel Oliveira & José Brito

Moderator: Estela Vilhena

16:00 *The importance of implementation and certification of ISO 9001 in the practices of Municipal management: the opinion of leaders, workers and citizens*

Célia Marques, Estela Vilhena & Martinha Pereira

16:05 *Data analysis system for tourism in rural areas*

Joana Machado, Luís Ferreira & Hélder Quintela

16:10 *Music in Videogames and Its Role in the Immersion of the Player*

Vítor Araújo, Cristina Sylla & Alberto Simões

16:15 *Embedded system for applying to a device in ostomy patients.*

Isaías Barbosa, João Vilaça & Pedro Leão

16:20 *The CE marking process on a Metallic Structure Industry*

Ana Silva, Martinha Pereira & Mariana Carvalho

### **Master Thesis Completed**

Moderator: Alberto Simões

Msc Computer Engineering

16:25 *Fhirbox - Clinical Observations Cloud Integration System*

Nuno Alves, Luís Ferreira & Daniela Vinhas

Msc in Electronic and Computer Engineering

16:35 *All aboard - a platform to teach programming*

Carlos Sousa, João Vilaça & Estela Vilhena

Msc in Integrated Management Systems on Quality, Environment and Safety

16:45 *Guaranteeing safety in the fight against food waste: a case study in an IPSS*

Verónica Mariano, Martinha Pereira & Mariana Carvalho

17:00 - Coffee Break and Poster Session

18:00 - Winners Announcement and Closing Ceremony

14:00-18:00 - JobShop EST