

4RD SYMPOSIUM OF APPLIED RESEARCH (SAR)

Thursday 23 May 2019

10h00 - 12h00

Poster Evaluation by Scientific Committee

14h00 — 14h15

Opening Ceremony

14h15 — 15h00

Workshop: Cybersecurity

José Silva (IEEE Portugal & Critical Software)

15h00 — 16h00

Current Master Thesis Projects

Moderator: *Luís Ferreira*

15h00

High Performance Implementation of a Production Scheduling Simulator

Bruno Costa, Nuno Lopes, Goran Putnik

15h05

Optimization of the Environmental Management System and its Interaction with Occupational Health and Safety Management System in a Textile Company

Célia Pereira, Gilberto Santos, Martinha Pereira

15h10

Wildfire Risk and Burned Area Simulator – A Deep Learning Approach

Guilherme Rodrigues, José Brito

Moderator: Eva Oliveira

15h15

The Traversal of Emerging Narratives in Video Games: A Study Focused on the Dynamics of the Relationship of Dramatic Tension and Gameplay Tension

Inês Silva, Pedro Cardoso, Eva Oliveira

15h20

The Contribution of the QMS in the Development of Prototypes and New Products for the Industry in the Scope of Fab Lab's

Sérgio Carqueijó, Gilberto Santos, Delfina Gabriela Ramos

15h25

"Por o Medo a Fugir": Serious Game to Help Children to deal with Fear

Tiago Pinheiro, Nuno Rodrigues, Eva Oliveira

Moderator: Nuno Dias

15h30

Visualization and Analysis on Aerial Observation by Artificial Intelligence

Bruno Lima, Luís Ferreira, João Martinho

15h35

Identification of Taekwondo Techniques using Deep Learning

Carlos Fitas, Vítor Carvalho, Pedro Cunha

15h40

Videogame: "Por o Medo a Fugir" - Graphics, Sound and Storytelling

Frederico Brígida, Eva Oliveira, Joaquim Gonçalves

Moderator: Estela Vilhena

15h45

MOBEYBOU - Tangible Interfaces for Cognitive Development

Hugo Lopes, Vítor Carvalho, Cristina Sylla

15h50

Industry 4.0 in Aluminium Foundry in Green Sand

Abílio Lopes, Óscar Ribeiro, Manuela Cunha

15h55

Statistical Health Literacy

Carina Ferreira, Teresa Abreu, Mário Basto

16h00 — 17h00

Completed Master Thesis

Moderator: *Mariana Carvalho*

16h00

MSc Computer Engineering

Avaliação de Ferramentas BPM

Marco Sousa, Nuno Lopes, Oscar Ribeiro

16h10

MSc in Electronic and Computer Engineering

Alert System For Treatment of Night Enuresis

Francisco Miranda, João Vilaça, Raúl Fanguero

16h20

MSc in Integrated Management Systems on Quality, Environment and Safety

Humanization as a Quality Factor in Health Services

Helena Morgado, Mariana Carvalho, Estela Vilhena

17h00 — 17h30

Poster Session Discussion

17h30 — 18h00

Coffee Break

18h00 — 18h15

Winners Announcement and Closing Ceremony