

# Produção Científica do LIACC em 2015

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## Teses de Doutoramento Concluídas em 2015

Altino Manuel Silva Sampaio . Energy- efficient and SLA-based management of IaaS Cloud Data Centers . Programa Doutoral em Engenharia Informática , FEUP, PhD, Supervisor: Jorge Barbosa Junho, 2015

Catarina Maria Brito de Noronha Santiago . Vision and knowledge representation methodologies for game analysis . Programa Doutoral em Engenharia Informática , FEUP, PhD, Supervisors: Armando Sousa e Luis Paulo Reis Novembro, 2015

Deborah Perrotta de Andrade . Assessing the performance of electric buses: a study on the impacts of different routes . Programa Doutoral em Líderes para Indústrias Tecnológicas , FEUP, PhD, Supervisors: João Luiz Afonso e Rosaldo Rossetti Julho, 2015

José Barbosa. Specification of a multi-agent architecture for production control exhibiting self-organization and self-adaptation properties. Automatique – Génie Informatique na Universidade de Valenciennes (França), U. Valenciennes, PhD, Supervisor: Paulo Leitão Fevereiro, 2015

Liliana Patrícia Ventura Mendes. Aplicações da Realidade Virtual na Reabilitação da Lesão Cerebral Adquirida: Estudo das Potencialidade de Mundos Virtuais na Reabilitação de Sinistrados/ Virtual Reality Applications on the Rehabilitation of Acquired Cerebral Injuries. Programa Doutoral em Psicologia, Faculdade de Psicologia e de Ciências da Educação da Universidade do Porto, PhD, Supervisors: Fernando Barbosa, Luis Paulo Reis Junho, 2015

Lúcio Sanchez Passos . Spectrum-Based Fault Diagnosis in Multi-Agent Systems . Programa Doutoral em Engenharia Informática , FEUP, PhD, Supervisors: Rosaldo Rossetti e Joaquim Gabriel Mendes Dezembro, 2015

Nima Shaffi. Development of an Optimized Omnidirectional Walk Engine for Humanoid Robots . Programa Doutoral em Engenharia Informática , FEUP, PhD, Supervisor: Luis Paulo Reis Abril, 2015

## **Dissertações de Mestrado Concluídas em 2015**

Alexey Seliverstov . Uma abordagem ontológica para modelação de informação espaciotemporal com aplicações em transportes . Mestrado Integrado em Engenharia Informática e Computação , FEUP, MSc, Supervisor: Rosaldo Rossetti Julho, 2015

Ana Rita Andrade. Sistema Robótico Autónomo para Ambientes de Terapia de Iodo. Mestrado em Tecnologia Biomédica , IPB, MSc, Supervisor: Paulo Leitão Dezembro, 2015

Aníbal Rui dos Santos Magalhães. Práticas de Gestão do ACES de Gondomar. Mestrado em Gestão das Organizações, APNOR - Associação de Politécnicos do Norte, MSc, Supervisor: Brígida Mónica Faria Julho, 2015

António Augusto da Silva Fernandes. Memo Board Familiar. Mestrado Integrado em Engenharia e Gestão de Sistemas de Informação, UMinho/EEUM, MSc, Supervisor: Luis Paulo Reis Dezembro, 2015

António José Ferreira de Castro Moura . Evolutionary Computation methods applied to Operational Control Centers. Mestrado Integrado em Engenharia Informática e Computação , FEUP, MSc, Supervisors: Ana Paula Rocha e António Castro Julho, 2015

Artur Dias. Análise de Dados para Previsão de Micro Produção de Energia Solar e Eólica. Mestrado em Energias Renováveis e Eficiência Energética , IPB, MSc, Supervisor: Paulo Leitão Dezembro, 2015

Bruno Filipe Aveleira Andrade. Prediction Model for Women Breast Cancer Recurrence. Mestrado em Engenharia Informática, FCTUC, MSc, Supervisors: Pedro Abreu e Daniel Castro Silva Setembro, 2015

Bruno Xavier Faria Tavares . Emotional Agents for Shooter Games: Understanding How Players' Emotional Profiles Influence Game Playouts . Mestrado Integrado em Engenharia Informática e Computação , FEUP, MSc, Supervisors: Eugénio Oliveira e Pedro Nogueira Julho, 2015

Carlos Dores. Securing communications in a Cloud IoT platform. Mestrado Integrado em Engenharia das Comunicações, UMinho/EEUM, MSc, Supervisors: Nuno V. Lopes e Luis Paulo Reis Dezembro, 2015

Carlos Manuel Moreira Rego. Sistema inteligente para análise do posicionamento de árbitros de futebol. Mestrado em Sistemas de Informação, UMinho/EEUM, MSc, Supervisor: Luis Paulo Reis Dezembro, 2015

Cristiano Alexandre Almeida Oliveira Rodrigues . Smartphone-Based Inertial Navigation System for Bicycles . Mestrado Integrado em Engenharia Informática e Computação , FEUP, MSc, Supervisor: Daniel Castro Silva Julho, 2015

Daniel José Fernandes Dias. Interação Multimodal de Dispositivos Robóticos em Ambientes Simulados. Mestrado Integrado em Engenharia e Gestão de Sistemas de Informação, UMinho/EEUM, MSc, Supervisors: Luis Paulo Reis e Brígida Mónica Faria Dezembro, 2015

Daniel José Marques Nora . An argumentation model for deliberation in heterogeneous multiagent systems . Mestrado Integrado em Engenharia Informática e Computação , FEUP, MSc, Supervisors: Ana Paula Rocha e Rosaldo Rossetti Julho, 2015

Danilo Miguel Barroso Santos. Melhoria do Sistema Nacional de Colocação de Professores . Mestrado Integrado em Engenharia das Comunicações, UMinho/EEUM, MSc, Supervisors: Jorge Sá e Luis Paulo Reis Dezembro, 2015

Diogo Ferreira Pinela . Assessing fun in platform games . Mestrado Integrado em Engenharia Informática e Computação , FEUP, MSc, Supervisors: Henrique Lopes Cardoso e Luís Teófilo Julho, 2015

Diogo Trindade Basto. Interference Aware Scheduling for Cloud Computing . Mestrado Integrado em Engenharia Informática e Computação , FEUP, MSc, Supervisor: Jorge Barbosa Fevereiro, 2015

Gustavo Ramos Lira . A computer vision approach to drone-based traffic analysis of road intersections . Mestrado Integrado em Engenharia Informática e Computação , FEUP, MSc, Supervisors: Daniel Moura e Rosaldo Rossetti Julho, 2015

Jaime Gustavo Gonçalves de Oliveira. Luto Digital - Plataformas para a Gestão da Herança Digital. Mestrado Integrado em Engenharia e Gestão de Sistemas de Informação, UMinho/EEUM, MSc, Supervisor: Luis Paulo Reis Dezembro, 2015

João dos Santos Rodrigues Soares dos Reis . A GPU implementation of Counterfactual Regret Minimization . Mestrado Integrado em Engenharia Informática e Computação , FEUP, MSc, Supervisors: Henrique Lopes Cardoso e Luís Teófilo Julho, 2015

João Sá Vinhas Gonçalves . A Research Approach to Study Human Factors in Transportation Systems . Mestrado Integrado em Engenharia Informática e Computação , FEUP, MSc, Supervisors: Rosaldo Rossetti e Peter Wagner Julho, 2015

Joaquim Rui Rocha Barros . Caracterização de estradas em tempo real através de métodos preditivos . Mestrado Integrado em Engenharia Informática e Computação , FEUP, MSc, Supervisors: Rosaldo Rossetti e Miguel Ramos de Araújo Julho, 2015

Mário Sérgio Azevedo Ferreira. Sistema de Apoio à Decisão Clínica - Quality of Life System. Mestrado Integrado em Engenharia e Gestão de Sistemas de Informação, UMinho/EEUM, MSc, Supervisors: Luis Paulo Reis e Brígida Mónica Faria Dezembro, 2015

Nuno Alberto Ribeiro da Silva. Poker Learner: Modelação de Jogadores através de Data Mining. Mestrado Integrado em Engenharia e Gestão de Sistemas de Informação, UMinho/EEUM, MSc, Supervisor: Luis Paulo Reis Dezembro, 2015

Nuno Filipe Bernardino Oliveira . Music-Based Procedural Content Generation for Games . Mestrado Integrado em Engenharia Informática e Computação , FEUP, MSc, Supervisors: Eugénio Oliveira e Pedro Nogueira Julho, 2015

Nuno Manuel Santos Queiros . SISU - Sistema de Informação de Sarcomas Uterinos . Mestrado Integrado em Engenharia Informática e Computação , FEUP, MSc, Supervisors: Daniel Castro Silva e Pedro Abreu Fevereiro, 2015

Nuno Ricardo Mateus Coelho. Navegação Web Anónima e Segura. Mestrado em Engenharia Informática, PP/ISEP, MSc, Supervisors: Antonio V. Castro (ISEP) e José Joaquim Moreira (IPGT/LIACC) Novembro, 2015

Pedro Miguel Cesário Rosa . Procedural modelling techniques to configure driving serious game scenes . Mestrado Integrado em Engenharia Informática e Computação , FEUP, MSc, Supervisors: Rosaldo Rossetti e António Fernando Coelho Julho, 2015

Rui Miguel Barros Rocha. Jogos Sérios para Reabilitação Cognitiva. Mestrado Integrado em Engenharia e Gestão de Sistemas de Informação, UMinho/EEUM, MSc, Supervisors: Luis Paulo Reis e Pedro Miguel Moreira Dezembro, 2015

Rui Silva. Any Object is a PC Controller. Mestrado Integrado em Engenharia Informática, UMinho/EEUM, MSc, Supervisor: Pedro Miguel Moreira, Dezembro, 2015

Tiago Domingos Barbosa Araújo. Exploração de Dados para Soluções de Retalho em Business Intelligence. Mestrado Integrado em Engenharia e Gestão de Sistemas de Informação, UMinho/EEUM, MSc, Supervisor: Luis Paulo Reis Dezembro, 2015

Tiago Manuel Lourenço Azevedo. From the Ground to the Cloud: Towards an Integrated Transportation Simulation Platform . Mestrado Integrado em Engenharia Informática e Computação , FEUP, MSc, Supervisors: Rosaldo Rossetti e Jorge Barbosa Julho, 2015

Tiago Manuel Lourenço Azevedo. From the Ground to the Cloud: Towards an Integrated Transportation Simulation Platform . Mestrado Integrado em Engenharia Informática e Computação, FEUP, MSc, Supervisors: Rosaldo Rossetti e Jorge Barbosa Julho, 2015

Vitor Emanuel Freitas Oliveira Magano. Escudo para Aplicações Web contra injeção de Conteúdo através de Content Security Policy . Mestrado Integrado em Engenharia Informática e Computação, FEUP, MSc, Supervisor: Daniel Castro Silva Julho, 2015

## **Organização de Eventos Científicos em 2015**

A2HC 2015 - IX Workshop on Agents Applied in Health Care (@AAMAS 2015), Istanbul, Turkey, May 4-5, 2015 (Daniel Castro Silva - Co-Chair)

AITS'2015 - Artificial Intelligence in Transportation Systems, Coimbra, Portugal, September 8-11, 2015 (Rosaldo Rossetti - Co-Chair)

ASDACS'2015 - Workshop on Applied Statistics and Data Analysis using Computer Science, Aveiro, Portugal, June 17-20, 2015 (Brígida Mónica Faria - Chair)

ASDACS@WorldCIST'2015 - Workshop on Applied Statistics and Data Analysis using Computer Science, Açores, Portugal, April 1-3, 2015 (Brígida Mónica Faria - Chair)

CIAIQ'2015 - Fourth Iberoamerican Congress on Qualitative Research,, Tiradentes University, Aracaju, Brazil, August 5-7, 2015 (Luís Paulo Reis - Co-Chair/Member of the Coordinating Commission)

CISTI'2015 - 10th Iberian Conference on Information Systems and Technologies, Aveiro, Portugal, June 17-20, 2015 (Luís Paulo Reis - Co-Chair, Workshop Chair)

CSQR@WorldCIST'2015 - Computer Support Qualitative Analysis, Workshop, São Miguel, Azores, April, 2015 (Luís Paulo Reis - Co-Chair)

DSIE 2015 - 10th Doctoral Symposium in Informatics Engineering, FEUP, Porto, Portugal, 2015 (Eugénio Oliveira - Steering Committee)

ECML PKDD'2015 - European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases, Porto, Portugal, Setembro 7-11, 2015 (Eugénio Oliveira - Area Chair)

ICARSC'2015 - 15th IEEE International Conference on Autonomous Robot Systems and Competitions, Vila-Real, Portugal, April 8-19, 2015 (Luís Paulo Reis - Member of the Steering Committee)

IIS'2015 - 1st Intelligent Information Systems Thematic Track, 17th Portuguese Conference on Artificial Intelligence, Coimbra, Portugal, September 8-11, 2015 (Luís Paulo Reis - Co-Chair)

IROBOT'2015 - 7th Intelligent Robotics Workshop/Thematic Track, 17th Portuguese Conference on

MASTA'2015 - 8th Workshop/Thematic Track on Multi-Agent Systems Theory and Applications, 17th Portuguese Conference on Artificial Intelligence, Coimbra, Portugal, September 8-11, 2015 (Ana Paula Rocha - Co-Chair, Eugénio Oliveira e Luís Paulo Reis - Steering Committee Members)

ROBOT'2015 - 2nd Iberian Robotics Conference, Hotel Tivoli, Lisbon, November 19-21 , 2015 (Luís Paulo Reis - Program and Conference Chair, Daniel Castro Silva - Publications Chair, Brígida Mónica Faria - Track Chair and Publicity Chair)

Robotica'2015 - Festival Nacional de Robótica/Portuguese Robotics Open, Vila-Real, Portugal, April 8-12, 2015 (Luís Paulo Reis - Member of the Organizing Committee and SPR contact for Organization)

WGSP15 - 2nd Workshop on Gaming, Simulation and Play@CISTI 2015, Aveiro, Portugal, June 17-20, 2015 (Pedro Miguel Moreira - Workshop Co-Chair)

WorldCIST'2015 - 2015 World Conference on Information Systems and Technologies, São Miguel, Azores, April, 2015 (Luís Paulo Reis - Co-Chair, Workshop Chair)