

# Produção Científica do LIACC/ Scientific Production of LIACC in 2016

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## **Editoriais/Editorials Indexed at SCOPUS in 2016 (10)**

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## **Teses de Doutoramento Concluídas/ PhD Thesis Concluded in 2016 (6)**

Daniela Cecilia Ulloa Manzanarez, A Framework for Open Innovation through Automatic Analysis of Social Media Data , Mestrado em Inovação e Empreendedorismo Tecnológico , FEUP, PhD, Supervisors: Rosaldo Rossetti Julho, 2016

Felipe Alves Calabria, Enhancing Flexibility and Ensuring Efficiency and Security: Improving the Electricity Market in Brazil Using a Virtual Reservoir Model , Programa Doutoral em Sistemas Sustentáveis de Energia , FEUP, PhD, Supervisors: João Paulo Saraiva e Ana Paula Rocha Abril, 2016

Hamid Arabnejad, QoS based workflow scheduling on heterogeneous resources , MAP-i Programa Doutoral em Informática, FEUP, PhD, Supervisors: Jorge Barbosa Abril, 2016

João Emílio Santos Carvalho de Almeida, Serious Games as a Behaviour Elicitation Tool: Applications to Evacuation Scenarios , Programa Doutoral em Engenharia Informática , FEUP, PhD, Supervisors: Rosaldo Rossetti e António Leça Coelho Janeiro, 2016

Luís Filipe Guimarães Teófilo, Methodologies and Tools for Creating Competitive Poker Playing Agents , Programa Doutoral em Engenharia Informática , FEUP, PhD, Supervisors: Luis Paulo Reis e Henrique Lopes Cardoso Julho, 2016

Pedro Gonçalo Ferreira Alves Nogueira, Emotional State Regulation in Interactive Environments: A Psychophysiological Adaptive Approach for Affect-Inductive Experiences , Programa Doutoral em Engenharia Informática , FEUP, PhD, Supervisors: Eugénio Oliveira Junho, 2016

## **Dissertações de Mestrado Concluídas/ MSc Thesis Concluded in 2016 (28)**

Carlos Daniel Saraiva Fernandes, Forecasting hot water demand aiming at domestic energy efficiency , Mestrado Integrado em Engenharia Informática e Computação , FEUP, MSc, Supervisors: Rosaldo Rossetti Julho, 2016

Daniel dos Santos Teixeira, An empirical platform for behavioural modelling using serious games , Mestrado Integrado em Engenharia Informática e Computação , FEUP, MSc, Supervisors: Rosaldo Rossetti Julho, 2016

Daniel João Lopes Moreira, Parallel computing on RNA-Sequencing processes , Mestrado Integrado em Engenharia Informática e Computação , FEUP, MSc, Supervisors: Jorge Barbosa e Rui Camacho Julho, 2016

Diogo Joaquim Araújo Pinto, Agent-based modeling framework for complex adaptive organizations , Mestrado Integrado em Engenharia Informática e Computação , FEUP, MSc, Supervisors: Eugénio Oliveira e Henrique Lopes Cardoso Julho, 2016

Diogo Moutinho de Almeida, Malware classification on time series data through machine learning , Mestrado Integrado em Engenharia Informática e Computação , FEUP, MSc, Supervisors: Eugénio Oliveira Julho, 2016

Diogo Ribeiro Gomes dos Santos, Integrating Electric Buses in Conventional Public Transit: A First Appraisal , Mestrado Integrado em Engenharia Informática e Computação , FEUP, MSc, Supervisors: Rosaldo Rossetti Julho, 2016

Eduardo Luís Loureiro Fernandes, Energy-aware resource management for heterogeneous systems , Mestrado Integrado em Engenharia Informática e Computação , FEUP, MSc, Supervisors: Jorge Barbosa Julho, 2016

Gil Filipe da Rocha, ArgMine: Argumentation Mining from Text , Mestrado Integrado em Engenharia Informática e Computação , FEUP, MSc, Supervisors: Henrique Lopes Cardoso e Jorge Teixeira Julho, 2016

João Acácio Dias Cadime, Sistema de Informação para a Alocação de Estudantes a Turnos, Mestrado Integrado em Engenharia e Gestão de Sistemas de Informação, UMinho/EEUM, MSc, Supervisors: Luis Paulo Reis Dezembro, 2016

João Carlos Macedo Flores dos Santos, Processamento concorrente de Vídeo do MEO Kanal, Mestrado Integrado em Engenharia Informática e Computação , FEUP, MSc, Supervisors: Jorge Barbosa Julho, 2016

João Correia Ferreira , Agente de Notícias personalizado , Mestrado Integrado em Engenharia Informática e Computação , FEUP, MSc, Supervisors: Ana Paula Rocha Julho, 2016

João Luís Alves Barbosa, Closed Types for Logic Programming , Mestrado em Ciência de Computadores , FCUP, MSc, Supervisors: António Mário Florio e Vitor Manuel Costa Setembro, 2016

João Manuel Ferreira Trindade, Representação de aplicações C/C++ segundo um grafo para execução em sistemas heterogéneos , Mestrado Integrado em Engenharia Informática e Computação , FEUP, MSc, Supervisors: Jorge Barbosa Fevereiro, 2016

João Pedro Domingues da Rocha Marinheiro, A Generic Agent Architecture for Cooperative Multi-Agent Games , Mestrado Integrado em Engenharia Informática e Computação , FEUP, MSc, Supervisors: Henrique Lopes Cardoso Julho, 2016

João Pedro Pascoal Pinheiro da Silva, Agent Strategies in Smart Energy Markets - PowerTAC 2016 , Mestrado Integrado em Engenharia Informática e Computação , FEUP, MSc, Supervisors: Henrique Lopes Cardoso e Thiago Rubio Julho, 2016

Jorge Filipe Monteiro Lima, Argumentation In The Resolution Of Passenger Problems using Mobile Devices , Mestrado Integrado em Engenharia Informática e Computação , FEUP, MSc, Supervisors: Ana Paula Rocha e António Castro Julho, 2016

Miguel Eduardo Pinto da Silva, Non-Blocking Concurrent Imperative Programming with Session Types , Mestrado em Ciência de Computadores , FCUP, MSc, Supervisors: António Mário Florio e Frank Pfenning Julho, 2016

Miguel José Cavadas Santos, Automated Scalable Platform for Packet Traffic Analysis , Mestrado Integrado em Engenharia Electrotécnica e de Computadores , FEUP, MSc, Supervisors: Ricardo Morla e Jorge Barbosa Fevereiro, 2016

Pedro Cardoso Lessa e Silva, Cross-Browser Rendering using Headless Server-Side Browsers , Mestrado Integrado em Engenharia Informática e Computação , FEUP, MSc, Supervisors: Jorge Barbosa Julho, 2016

Sónia Vanessa Leite Cardoso, Análise do Concurso Nacional de Acesso ao Ensino Superior: A Evolução e o Panorama Atual dos Acessos à Universidade do Minho, Mestrado Integrado em Engenharia e Gestão de Sistemas de Informação, UMinho/EEUM, MSc, Supervisors: Luis Paulo Reis e Brígida Mónica Faria Maio, 2016

Tiago Samuel da Rocha Silva, Computação Paralela na Análise de Tráfego de Redes de Comunicação, Mestrado Integrado em Engenharia Informática e Computação , FEUP, MSc, Supervisors: Jorge Barbosa e Ricardo Morla Julho, 2016

Vítor Hugo Torres Mineiro, Exploração dos benefícios mútuos entre BIM e jogos de simulação , Mestrado Integrado em Engenharia Informática e Computação , FEUP, MSc, Supervisors: Rosado Rossetti e Miguel Ângelo Dias Azenha Julho, 2016

Hugo José Freixo Rodrigues, Ferramenta para Text Mining em Textos Completos, Mestrado Integrado em Engenharia Informática e Computação , FEUP, MSc, Supervisors: Rui Camacho e Célia Talma Gonçalves Julho, 2016

Daniel Josué Domingues Magalhães, Um ambiente para programação Haskell em Android, Mestrado em Ciência de Computadores, FCUP, Msc, Supervisors: Pedro Vasconcelos Novembro, 2016

Solange Mendes, Monitorização e Análise da Atividade Diária de Idosos num Lar de 3ª Idade para Determinar Indicadores de Saúde e Qualidade de Vida, Mestrado em Tecnologia Biomédica , IPB, MSc, Supervisors: Paulo Leitão Novembro, 2016

Joy Teixeira, Desenvolvimento de um Sistema de Transporte Modular com Auto-Organização de Componentes Ciber-Físicos, Mestrado em Engenharia Industrial, IPB, MSc, Supervisors: Paulo Leitão Dezembro, 2016

José Dias, Modelação e Simulação baseada em Agentes para Cadeias de Abastecimento, Mestrado em Engenharia Industrial, IPB, MSc, Supervisors: Paulo Leitão Dezembro, 2016

Jorge Miguel Marques dos Reis, Previsão em tempo real de condições de tráfego em redes veiculares, Mestrado Integrado em Engenharia Informática e Computação , FEUP, MSc, Supervisors: Rosaldo Rossetti Outubro, 2016

## **Organização de Eventos Científicos/ Organization of Scientific Meetings in 2016 (18)**

ASDACS@CISTI'2016 - 3rd Workshop on Applied Statistics and Data Analysis using Computer Science, Gran Canaria, Spain, June 15-19, 2016 (Brígida Mónica Faria - Co-Chair and Member of the Organizing Committee)

CCTE2016 - Cloud Computing Technoeconomic Engineering Workshop, Berlim, Alemanha, Abril, 8, 2016 (Jorge Barbosa - Member of the Organizing Committee)

CIAIQ'2016 - 5º Congresso Iberoamericano em Investigação Qualitativa, Porto, Portugal, , July 12-15, 2016 (Luís Paulo Reis - Co-Chair/Member of the Coordinating Commission, (Brígida Mónica Faria - Track Chair and Member of the Organizing Committee)

CISTI'2016 - 11th Iberian Conference on Information Systems and Technologies, Gran Canária, Spain, June 15-18, 2016 (Luís Paulo Reis - Co-Chair, Workshop Chair)

COIN 2016 - Workshop on Coordination, Organizations, Institutions and Norms (at ECAI), The Hague, Holland, July 29- August 2, 2016 (Ana Paula Rocha - Co-Chair)

DSIE 2016 - 11th Doctoral Symposium in Informatics Engineering, FEUP, Porto, Portugal, , 2016 (Eugénio Oliveira - Steering Committee)

ESG@WorldCIST'2016 - Workshop Educational and Serious Games (ESG), Recife, Brasil, March 22-25, 2016 (Brígida Mónica Faria - Co-Chair and Member of the Organizing Committee)

FSCD 2016 - 1st International Conference on Formal Structures for Computation and Deduction, Porto, Portugal, , 2016 (Mário Florido - Member of the Organizing Committee)

ICARSC'2016 - 16th IEEE International Conference on Autonomous Robot Systems and Competitions, Bragança, Portugal, May 4-6, 2016 (Paulo Leitão - General Co-chair, Luís Paulo Reis - Steering Committee Member)

IEEE ITSC 2016 - 2016 IEEE 19th International Conference on Intelligent Transportation Systems, Rio de Janeiro, Brazil, November 1-4, 2016 (Rosaldo Rossetti - General Chair)

ISM@WorldCIST'2016 - Workshop Intelligent Systems and Machines, Recife, Brasil, March 22-24, 2016 (Brígida Mónica Faria - Co-Chair and Member of the Organizing Committee)

ISQR'2016 - First International Symposium on Qualitative Research, Porto, Portugal, July 12-13, 2016 (Luís Paulo Reis - Co-Chair)

LSFA 2016 - 11th Workshop on Logical and semantic frameworks with applications, Porto, Portugal, 2016 (Mário Florido - Co-Chair, Member of the Program Committee)

Robotica'2016 - Festival Nacional de Robótica/Portuguese Robotics Open, Bragança, Portugal, April 4-8, 2016 (Paulo Leitão - Co-Chair, Member of the Organizing Committee, Luís Paulo Reis - Member of the Organizing Committee (Simulation Leagues), Nelson Rodrigues - Member of the Organizing Committee)

SOHOMA'16 - 6th Workshop on Service Orientation in Holonic and Multi-Agent Manufacturing, Lisboa, Portugal, October 6-7, 2016 (Paulo Leitão - General Co-chair)

SQAHES@CISTI'2016 - 1st Workshop on Systems and Quality Assessment in Health, Education and Services (SQAHES 2016), Gran Canaria, Spain, June 15-18, 2016 (Brígida Mónica Faria - Co-Chair and Member of the Organizing Committee)

VECPAR16 - 12th International Meeting on High Performance Computing for Computational Science, Porto, Portugal, June 27-30, 2016 (Jorge Barbosa - Member of the Organizing Committee)

WorldCIST'2016 - 2016 World Conference on Information Systems and Technologies, Recife, Brazil, March 23-25, 2016 (Luís Paulo Reis - Co-Chair, Workshop Chair)