

C3S2E 2016 Final Program

Session: Registration

Date Time:	2016-07-20 From 08:30 To 16:00
Location:	Support Office

Session: Invited Talk

Prof. Inês Dutra (Faculty of Science, University of Porto)

Date Time:	2016-07-20 From 09:30 To 10:30
Location:	Sala de Actos
Chair:	Ana Maria Almeida

Session: Big Data and applications

Date Time:	2016-07-20 From 11:00 To 12:30
Location:	Sala de Actos
Chair:	Jorge Bernardino

-- [**Business Intelligence: Future Perspectives\(Short Paper\)**](#)

Duarte Castelo Grande De Carvalho, Ricardo Gomes Da Rocha, Vanessa Sofia Pereira Pais Fernandes, Sofia Pereira Das Neves

-- [**Efficient Delivery of Forecasts to a Nautical Sports Mobile Application with Semantic Data Services\(Full Paper\)**](#)

Ricardo Carvalho Amorim, Artur Rocha, Marco Oliveira, Cristina Ribeiro

-- [**Data Warehousing in Big Data: From Multidimensional to Tabular Data Models\(Full Paper\)**](#)

Maribel Yasmina Santos, Carlos Costa

Session: Applications

Date Time:	2016-07-20 From 13:30 To 15:00
Location:	Sala de Actos
Chair:	Alípio M. Jorge

-- [**Building an Emotional Adaptive Platform\(Full Paper\)**](#)

Ana Raquel Faria, Ana Maria Almeida, Constantino Martins, Lino Figueiredo

-- [**Voice recognition in the LabTablet electronic laboratory notebook\(Full Paper\)**](#)

Susana Ventura, Ricardo Carvalho Amorim, João Rocha Da Silva, Cristina Ribeiro

-- [**COMPASS: A Context-Monitoring Programming Assignment Suggestion System\(Full Paper\)**](#)

Chien-wei Hu, Hewijin Christine Jiau

Session: Image processing

Date Time:	2016-07-20 From 15:00 To 16:45
Location:	Sala de Actos
Chair:	Bertil Marques

-- [**GPII: A Benchmark for Generic Purpose Image Information\(Short Paper\)**](#)

Pedro Miguel Oliveira Martins, Pedro Furtado, José Cecilio, Maryam Abbasi

-- [**Problems in Agile Global Software Engineering Projects especially within Traditionally Organised Corporations\(Full Paper\)**](#)

Ingo Richter, Florian Raith, Michael Weber

-- [**Using Smartphones to Classify Urban Sounds\(Full Paper\)**](#)

Elsa Ferreira Gomes, Fabio Moreira Batista, Alípio M. Jorge

-- [Ontology Based Rewriting Data Cleaning Operations\(Short Paper\)](#)

Ricardo Gabriel Almeida, Paulo Maio, Paulo Jorge Oliveira

Session: Applications - 2

Date Time: 2016-07-20 From 15:30 To 17:00

Location: Sala de Actos

Chair: Elsa Ferreira Gomes

-- [Tourism Recommendation System based in user's profile and functionality levels\(Short Paper\)](#)

Filipe Joaquim Santos, Ana Maria Almeida, Constantino Martins, Paulo Oliveira, Ramiro Gonçalves

-- [ECG denoising with Adaptive Filter and Singular Value Decomposition techniques\(Short Paper\)](#)

Ana Maria Almeida, Lino Figueiredo, Antonio Meireles

-- [Decision Support System for Check-up Tracks in Prevention of Cardiac Diseases\(Short Paper\)](#)

Manuel Américo Rocha, Sérgio Miguel Santos, António Lúcio Baptista

-- [Music Playlist Recommendation Using Acoustic-Feature Transitions\(Short Paper\)](#)

Shobu Ikeda, Kenta Oku, Kyoji Kawagoe

Conference Dinner

Conference Dinner

Date Time: 2016-07-20 From 18:00 To 21:00

Location: Porto Cruz

Session: Big Data and applications - 2

Date Time: 2016-07-21 From 09:30 To 11:00

Location: Sala de Actos

Chair: Jorge Bernardino

-- [Sentiment Aggregate Functions for Political Opinion Polling using Microblog Streams\(Full Paper\)](#)

Pedro Saleiro, Luís Gomes, Carlos Soares

-- [Analysis and Visualisation of Crowd-sourced Tourism Data\(Short Paper\)](#)

Fátima Leal, Joana Matos Dias, Benedita Malheiro, Juan Carlos Burguillo

-- [An Overview of Evolutionary Computing for Interpretation in the Oil and Gas Industry\(Short Paper\)](#)

Rui L. Lopes, Hamed Nikhalat-jahromi, Alípio M. Jorge

-- [A Novel Differential Privacy Approach that enhances Classification Accuracy\(Short Paper\)](#)

A. N. K. Zaman, Charlie Obimbo, Rozita A. Dara

Session: Machine learning

Date Time: 2016-07-21 From 11:30 To 13:00

Location: Sala de Actos

Chair: Bertil Marques

-- [Predicting User Preference Based on Matrix Factorization by Exploiting Music Attributes\(Full Paper\)](#)

Amir Hossein Nabizadeh, Alípio M. Jorge, Suhua Tang, Yi Yu

-- [Automatic Classification of Anuran Sounds Using Convolutional Neural Networks\(Full Paper\)](#)

Juan Colonna, Tanel Peet, Carlos Abreu Ferreira, Alípio M. Jorge, Elsa Ferreira Gomes, João Gama

-- [Assessing topic discovery evaluation measures on Facebook publications on political activism in Brazil\(Full Paper\)](#)

Arian Pasquali, Marcela Canavarro, Alípio M. Jorge, Ricardo Campos

Session: Data mining

Date Time:	2016-07-21 From 14:00 To 15:00
Location:	Sala de Actos
Chair:	Ana Almeida

- [PersonalFit – Fitness App with intelligent plan generator\(Poster\)](#)
Tiago Oliveira, Diogo Leite, Goreti Marreiros
- [Predicting a Starting Pitcher in Baseball by Heuristic Rules\(Poster\)](#)
Haruka Sumitani, Kenta Oku, Kyoji Kawagoe
- [SentiBubbles: Topic Modeling and Sentiment Visualization of Entity-centric Tweets\(Poster\)](#)
Mike Pinto, João Oliveira, Pedro Saleiro, Jorge Teixeira
- [Gathering data for professional tourism points of interest\(Poster\)](#)
Helder Nunes, Constantino Martins, Ana Maria Almeida
- [Testing Snort with SQL Injection Attacks\(Poster\)](#)
Rui Rama Silva, Raul Barbosa, Jorge Bernardino
- [Personalization using Big Data Analytics Platforms\(Poster\)](#)
Cláudio Barros Lopes, Bruno Cabral, Jorge Bernardino