



C3S2E'13 Final Program

Session: Regsitration 1

Date Time: 2013-07-10 From 09:00 To 16:00 **Location:**

Session: Opening & Invited Talk 1

Date Time: 2013-07-10 From 09:30 To 10:45 **Location:**

Chair: Ana Maria Almeida

-- **Open Service Networks: Research Directions()**
Jorge Cardoso

Break 1

Date Time: 2013-07-10 From 10:45 To 11:00 **Location:**

Session: Software engineering - 1

Date Time: 2013-07-10 From 11:15 To 12:45 **Location:**

Chair: Jorge Cardoso

-- **dCloud: A Document Link Provision Cloud for Software Extension Tasks(Full Paper)**
Dung-feng Yu, Chien-wei Hu, Hewijin Christine Jiau, Kuo-feng Ssu

-- **Autonomous Massively Multiplayer Online Game Operation on Unreliable Resources(Full Paper)**

Lukas Köpfle, Radu Prodan

-- **SLA-based Operation of Massively Multiplayer Online Games in Competition-based Environments(Full Paper)**

Radu Prodan

Lunch 1

Date Time: 2013-07-10 From 12:45 To 14:15 **Location:**

Session: Applications

Date Time: 2013-07-10 From 14:15 To 15:15 **Location:**

Chair: Eric R. Harley

-- **Open Source Capture and Replay Tools Comparison(Short Paper)**

Stanislava Nedyalkova, Jorge Bernardino

-- **CA-SRP: An Energy-Efficient Concurrency Control Protocol for Real-Time Tasks with Abortable Critical Sections(Short Paper)**

Jun Wu

-- **An Intelligent System for Personalized Information Retrieval: A Genetic Approach(Short Paper)**

Tarek Alloui, Imane Boussebough, Allaoua Chaoui

Break 2

Date Time: 2013-07-10 From 15:15 To 14:45 **Location:**

Session: Web database

Date Time: 2013-07-10 From 15:45 To 17:15 **Location:**

Chair: Radu Prodan

-- **NoSQL Databases: MongoDB vs Cassandra(Full Paper)**

Veronika Abramova, Jorge Bernardino

-- **Collective Intelligence in Toursplan An Online Tourism Social Network with Planning and Recommendation Services(Full Paper)**

Nuno Luz, Ana Maria Almeida

-- **Static Analysis Of Concurrent Programs By Adapted Vector Clock(Full Paper)**

Maryam Zakeryfar, Peter D Grogono

Reception

Date Time: 2013-07-10 From 17:30 To 18:30 **Location:**

Session: Regsitation 2

Date Time: 2013-07-11 From 09:00 To 12:00 Location:

Session: Invited Talk 2

Date Time: 2013-07-11 From 09:30 To 10:30 Location:

Chair: Jorge Bernardino

-- **Binary Recommender Systems: introduction, an application and outlook()**

Alipio M. Jorge

Break 3

Date Time: 2013-07-11 From 10:30 To 11:00 Location:

Session: Software engineering-2

Date Time: 2013-07-11 From 11:00 To 12:30 Location:

Chair: Alipio M. Jorge

-- **Autonomy Requirements Engineering: A Case Study on the BepiColombo Mission(Full Paper)**

Emil Iordanov Vassev, Mike Hinchey

-- **SimSOTA: Engineering and Simulating Feedback Loops for Self-Adaptive Systems(Full Paper)**

Dhaminda B. Abeywickrama, Nicklas Hoch, Franco Zambonelli

-- **A Taxonomy of Architectural Patterns for Self-Adaptive Systems(Full Paper)**

Mariachiara Puviani, Giacomo Cabri, Franco Zambonelli

Lunch 2

Date Time: 2013-07-11 From 12:30 To 14:15 Location:

Session: Data mining - 2

Date Time: 2013-07-11 From 13:45 To 14:45 Location:

Chair: Emil Iordanov Vassev

-- **Comparison of Data Mining techniques and tools for data classification(Short Paper)**

Luís C. Borges, Viriato Marinho Marques, Jorge Bernardino

-- **A comparison between JAVA and PHP(Poster)**

Pedro Caldeira Neves, Nuno Alexandre Paiva, Joao Duraes

-- **Towards a Mostly-Automated Prover for Bit-Vector Arithmetic(Poster)**

Iago Abal, Jorge Sousa Pinto

-- **OpenBRR Evaluation of an Open Source BI Suite(Poster)**

António Marinheiro, Jorge Bernardino

-- **Code name Tiberius or Developing and Digging into a Financial Case-Based Reasoning System from Scratch with Respect**

Conservative Adaptation and Association Models driven by Knowledge Discovery(Poster)

Jürgen Hönigl

-- **Step Count Algorithm adapted to Indoor Localization(Poster)**

Lino Figueiredo, Ramiro Sousa Barbosa

Break 4

Date Time: 2013-07-11 From 14:45 To 15:15 **Location:**

Session: Data mining

Date Time: 2013-07-11 From 15:15 To 16:45 **Location:**

Chair: Giacomo Cabri

-- **Classifying Heart Sounds using Multiresolution Time Series Motifs: an exploratory study(Full Paper)**

Elsa Ferreira Gomes

-- **Protein structural class prediction using predicted secondary structure and hydropathy profile(Full Paper)**

Eric R. Harley, Syeda Nadia Firdaus

-- **ConfSys: A Kaizen Conference Management System(Full Paper)**

Ming Lu, Zhao Kunsheng, Bipin C. Desai

Dinner

Date Time: 2013-07-11 From 17:00 To 21:00 **Location:**