José Creissac Campos – Short CV

Name: José Francisco Creissac Freitas de Campos

Place and Date of Birth: 31-07-1967, Braga, Portugal

Nationality: Portuguese

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Academic Degrees

- *Doctor of Philosophy*, Computer Science (Automated Verification and Usability Reasoning), University of York, UK, 2000.
- *Mestre*, Informatics / Computer Science. University of Minho, 1993
- *Licenciado*, Informatics and Systems Engineering. University of Minho, 1991

Scientific Areas of Interest

Human-Computer Interaction, Software Engineering, Formal Methods, Automated reasoning.

Present Position

Lecturer at the Informatics Department of the University of Minho.

Other Professional Activities

- General co-chair of ACM EICS 2012.
- From May 2011: member of the Steering Committee of ACM EICS.
- From December 2011: Founding Member of ACM SIGCHI community on Engineering Interactive Computer Systems.
- From November 2007: Member of IFIP WG 2.7/13.4 on User Interface Engineering.
- From May 2007 to December 2007: Visiting Research Fellow at Newcastle University

Fellowships and Honors

- BCS HCI 2009 International Excellence Award.

Recent Projects (in leading role)

- APEX (Agile Prototyping for user EXperience), FCT-funded, 2011-2014 (principal investigator).
- InPACT (Integrated Engineering Tools for Protection, Automation and Control Systems) EFACEC subcontract, 2008-2010 (scientific coordinator).
- REVVIS (Network of Experts in Software Verification and Validation), CYTED-funded, 2007-2009 (network node coordinator).
- IVY (A model based usability analysis tool), FCT-funded, 2005-2008 (project leader).

PhD Students Supervised

- Present students: Carlos CL Silva, Carlos Eduardo Silva, Luciana Freire.
- (Co-supervised) José Luís Silva, "Rapid prototyping for user experience". To be defended in 2011.
- (Co-supervised) João Carlos Silva, "GUISurfer: A Generic Framework for Reverse Engineering of Graphical User Interfaces". Defended in 2009.

Selected Recent Publications

- A. Barbosa, A. Paiva and J.C. Campos. Test case generation from mutated task models. In F. Paternò, K. Luyten, F. Maurer, P. Dewan and C. Santoro, editors, *ACM Symposium on Engineering Interactive Computing Systems (EICS 2011)*, pages 175-184. ACM, 2011.

- J. Machado, E. Seabra, J.C. Campos, F. Soares and C. Leão. Safe Controllers Design for Industrial Automation Systems. *Computers & Industrial Engineering*, 60(4):635-653, May, 2011.

- J.L. Silva, O.R. Ribeiro, J.M. Fernandes, J.C. Campos and M.D. Harrison. The APEX framework: prototyping of ubiquitous environments based on Petri nets. In R. Bernhaupt, P. Forbrig, J. Gulliksen and M.K. Lárusdóttir, editors, *HCSE 2010*, volume 6409 of *Lecture Notes in Computer Science*, pages 6-21. Springer, 2010.

- J.C. Campos and M.D. Harrison. Systematic analysis of control panel interfaces using formal tools. In T.C.N. Graham, P. Palanque, editors, *DSV-IS 2008*, volume 5136 of Lecture Notes in Computer Science, pages 72-85. Springer, 2008. *(BCS-HCI International Excellence Award 2009)*

Braga, January 2nd, 2012,

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(José Creissac Campos)