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- SERRANO, Milene; LUCENA, C. J. P. de. **Dynamic Interface Adaptation for Ubiquitous Devices driven by Agents and Ontologies.** 1<sup>st</sup> International Conference on Pervasive and Embedded Computing and Communication Systems (PECCS'11), 10 pages (accepted - to be published), Algarve, Portugal, March 2011b.
- SERRANO, Milene; LUCENA, C. J. P. de. **Intentional Mobile Agents in Ubiquitous Systems.** 3rd International Conference on Agents and Artificial Intelligence (ICAART'11), 10 pages (accepted - to be published), Rome, Italy, January 2011c.
- SERRANO, Milene; LUCENA, C. J. P. de. **Intentional Agents Supported by a Fuzzy-Logic-Based Reasoning Approach: An Application to a Ubiquitous System.** International Conference on Computer Science (ICCS'10), WASET, 12 pages (accepted), Paris, France, October 2010a.
- SERRANO, Milene; LUCENA, C. J. P. de. **Applying FIPA Standards Ontological Support to Intentional-MAS-Oriented Ubiquitous System.**

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- SERRANO, Milene; SERRANO, Maurício; LUCENA, C. J. P. de. **Ubiquitous Software Development Driven by Agents' Intentionality**. 11<sup>th</sup> International Conference on Enterprise Information Systems (ICEIS'09), vol. SAIC, pp. 25-34, Milan, Italy, May 2009.
- SERRANO, Milene; SERRANO, Maurício; LUCENA, C. J. P. de. **Framework for Content Adaptation in Ubiquitous Computing centered on Agents Intentionality and Collaborative MAS**. 4th Workshop on Software Engineering for Agent-Oriented Systems (SEAS'08), SBES'08, pp. 1-12, Campinas, Brasil, Outubro 2008.
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**A.****List of Publications (PhD related)**

*Here we present our most important publications: (A.1) Chapters in Books; (A.2) Contributions at International Conferences; and (A.3) Contributions at Brazilian Symposiums, Conferences and Workshops.*

**A.1****Chapters in Books**

1. Serrano, Milene; Lucena, C.J.P. de; Mylopoulos, J.; Yu, E. Experiences with Requirements Model Reuse: The NFR Catalogue for Ubiquitous Systems. Chapter in the Handbook of Research on Mobile Software Engineering: Design Implementation and Emergent Applications, IGI Global Disseminator of Knowledge, Editors: Paulo Alencar and Donald Cowan, DOI: 10.4018/978-1-61520-655-1, 16 pages (accepted - to be published), 2011.
2. Serrano, Milene; Lucena, C.J.P. de. Dynamic Content Adaptation in Mobile Applications driven by Intentional Multi-Agent Systems. Chapter in the Handbook of Research on Mobile Software Engineering: Design Implementation and Emergent Applications, IGI Global Disseminator of Knowledge, Editors: Paulo Alencar and Donald Cowan, DOI: 10.4018/978-1-61520-655-1, 18 pages (accepted - to be published), 2011.

**A.2****Contributions at International Conferences**

1. Serrano, Milene; Lucena, C.J.P. de.: Dynamic Interface Adaptation for Ubiquitous Devices driven by Agents and Ontologies. 1<sup>st</sup> International Conference on Pervasive and Embedded Computing and Communication Systems (PECCS'11), 10 pages (accepted - to be published), Algarve, Portugal, March 2011.

2. Serrano, Milene; Lucena, C.J.P. de.: Intentional Mobile Agents in Ubiquitous Systems. 3<sup>rd</sup> International Conference on Agents and Artificial Intelligence (ICAART'11), 10 pages (accepted - to be published), Rome, Italy, January 2011.
3. Serrano, Milene; Lucena, J.C.P. de.: Intentional Agents Supported by a Fuzzy-Logic-Based Reasoning Approach: An Application to a Ubiquitous System. International Conference on Computer Science (ICCS'10), WASET, 12 pages, Paris, France, October 2010.
4. Serrano, Milene; Lucena, C.J.P. de.: Applying FIPA Standards Ontological Support to Intentional-MAS-Oriented Ubiquitous System. 12<sup>th</sup> International Conference on Enterprise Information Systems (ICEIS'10), vol. SAIC, pp. 114-121, Madeira, Portugal, June 2010.
5. Serrano, Milene; Serrano, Maurício; Lucena, C.J.P. de.: Ubiquitous Software Development Driven by Agents' Intentionality. 11<sup>th</sup> International Conference on Enterprise Information Systems (ICEIS'09), vol. SAIC, pp. 25-34, Milan, Italy, May 2009.

### A.3

#### **Contributions at Brazilian Symposiums, Conferences and Workshops**

1. Serrano, Milene; Serrano, Maurício; Napolitano, F.; Kinder, E.; Douglas, M.; Loyola, D.; Rezende, B.; Leite, J.C.S. do P.: Avaliação Experimental de um Método para Avaliação de Equipes de Requisitos. Simpósio Brasileiro de Engenharia de Software (SBES'08), Campinas, Brasil, Outubro 2008.
2. Serrano, Milene; Serrano, Maurício; Lucena, C.J.P. de.: Framework for Content Adaptation in Ubiquitous Computing centered on Agents Intentionality and Collaborative MAS. 4<sup>th</sup> Workshop on Software Engineering for Agent-Oriented Systems (SEAS'08), SBES'08, pp. 1-12, Campinas, Brazil, October 2008.
3. Serrano, Milene; Serrano, Maurício; Napolitano, F.; Kinder, E.; Douglas, M.; Loyola, D.; Rezende, B.; Leite, J.C.S. do P.: Uma Proposta para Avaliação de Equipes de Requisitos. Workshop em Engenharia de Requisitos (WER'08), Barcelona, Espanha, Setembro 2008.

## B.

### List of Technical Reports (PhD related)

*Here we present the most important technical reports published as Monographs of Computer Science at PUC-Rio.*

#### B.1 Monographs (selected)

1. Serrano, Milene; Lucena, C.J.P. de; Mylopoulos, J.; Yu, E.: Experiences with Model Reuse: Non-Functional Requirements Catalogues for Ubiquitous Systems. PUC-Rio, Monograph, No. 08/10, ISSN 0103-9741, 20 pages, May 2010.
2. Serrano, Milene; Lucena, C.J.P. de.: Dynamic Database for Intentional Development of Ubiquitous Systems. PUC-Rio, Monograph, No. 07/10, ISSN 0103-9741, 24 pages, May 2010.
3. Serrano, Milene; Serrano, Maurício; Lucena, C.J.P. de.: Ubiquitous Software Development driven by Agent's Intenionality. PUC-Rio, Monograph, No. 53/08, ISSN 0103-9741, 17 pages, December 2008.
4. Serrano, Milene; Serrano, Maurício; Lucena, C.J.P. de; Leite, J.C.S. do P.: The Modeling and Implementation of Ubiquitous Applications based on Agents' Intentionality. PUC-Rio, Monograph, No. 52/08, ISSN 0103-9741, 16 pages, December 2008.
5. Serrano, Milene; Serrano, Maurício; Lucena, C.J.P. de.: Framework for Content Adaptation in Ubiquitous Computing centered on Agents' Intentionality and Collaborative MAS. PUC-Rio, Monograph, No. 51/08, ISSN 0103-9741, 15 pages, December 2008.
6. Serrano, Milene; Serrano, Maurício; Napolitano, F.; Soares, B.; Figueiredo, E.; Leite, J.C.S. do P.; Lucena, C.J.P. de.: Educational Game Evolution centered on Scenarios. Monograph, Department of Informatics, Catholic University of Rio de Janeiro, 10 pages, July 2008.

7. Serrano, Milene; Serrano, Maurício; Lucena, C. J. P. de.: Framework for Content Adaptation in Ubiquitous Computing Centered on Agents Intentionality and Collaborative MAS. Monograph, Department of Informatics, Catholic University of Rio de Janeiro, 12 pages, May 2008.
8. Serrano, Milene; Serrano, Maurício; Lucena, C.J.P. de.; Leite, J.C.S. do P.: Modeling Ubiquitous Applications based on Agent's Intentionality and Multi-Agent Systems. Monograph, No. 13/08, Department of Informatics, Catholic University of Rio de Janeiro, 25 pages, March 2008.
9. Serrano, Milene; Serrano, Maurício; Lucena, C. J. P. de.: Engineering Multi-Agent Systems for Design and Implementation of Ubiquitous Computing. Monograph, No. 10/08, Department of Informatics, Catholic University of Rio de Janeiro, 25 pages, March 2008.
10. Serrano, Milene; Serrano, Maurício; Napolitano, F.; Kinder, E.; Leite, J.C.S. do P. Uma Proposta para Avaliação de Equipes de Requisitos. Monografia, Departamento de Informática, Pontifícia Universidade Católica do Rio de Janeiro, 80 páginas, Dezembro 2007.
11. Cappelli, C.; Serrano, Milene; Serrano, Maurício; Napolitano, F.; Kinder, E.; Leite, J.C.S. do P. Transparência de Software Centrada na Análise de Sites. Monografia, Departamento de Informática, Pontifícia Universidade Católica do Rio de Janeiro, 82 páginas, Dezembro 2007.