

**EUROPEAN
CURRICULUM VITAE
FORMAT**



PERSONAL INFORMATION

Name	SARRAIPA, João Filipe dos Santos
Address	PCTA. LEITÃO DE BARROS Nº5 3º Esq., 2815-879 Sobreda Portugal
Telephone	+351 914012321
Fax	
E-mail	jfss@uninova.pt
Nationality	Portuguese
Date of birth	16, February, 1977

PERSONAL STATEMENT

In the current global and knowledge-based business context, enterprise's competitiveness is to a large extent determined by its ability to seamlessly interoperate in a collaborative business way. Consequently, to meet such business objective, it is essential that enterprises adapt their knowledge resources to smoothly interact with others. Then, the way knowledge is handled, is critical to organize such collaborative ways of working, which requires intellectual achievements sharing to facilitate continuous knowledge advancement among their members.

However, due to the existent multiculturalism of people and enterprises, there are different representation views of business processes or products, even inside a same domain. Consequently, one of the main problems found in the interoperability between enterprise systems and applications is related to semantics. Semantic interoperability concerns to the ability of two systems to present and process, user information tasks in a way that meanings of those tasks are retained. It relates to the capability of managing concepts' meanings and consequently its knowledge. A smooth semantic interoperability resolution of enterprises knowledge resources and systems requests an advanced characteristic of interoperation that is dynamicity. On the other hand, such dynamic competence demands a high level of semantic adaptability, which represents the capacity level of adapting the system existent semantics or lexicon to new acquired knowledge.

The sharing and integration of enterprises' knowledge to build a common lexicon supported by artificial intelligence as learning proficiency capacitates an autonomously and dynamically knowledge acquisition able to establish and preserve interoperable communications with others. Thus, the research of knowledge creation theories and approaches for the improvement of sharing, transferring, and creation of knowledge solutions is crucial. This also conducts to the necessity of having effective knowledge transfer from research to the industry or academia, which aggregates concepts as technology enhanced learning or technological and business evaluation methods that would potentiate new technological innovations generation. Additionally, this research area endorses the vision that in the near future knowledge creation solutions would potentiate both people and systems in joint effective self-transcending knowledge creation approaches.

WORK EXPERIENCE

- Dates (from – to)
- Name and address of employer
 - Type of business or sector
 - Occupation or position held
- Main activities and responsibilities

FROM NOVEMBER 2001 TO ACTUAL DATE

UNINOVA

IT Research and Non Profit Organization

Researcher – Main research topics: semantic interoperability; technology enhanced learning; and knowledge representation.

Researcher participant in European/International Projects:

AQUASMART:H2020-ICT-2014/H2020-ICT-2014-1- 644715 “Aquaculture Open Data Cloud Innovation”; <http://www.aquasmartdata.eu/>

OSMOSE:FP7-ICT – 610905 – “OSMOsis applications for the Sensing Enterprise”
<http://www.osmose-project.eu/>

IMAGINE: FP7-ICT – 285132 – “Innovative end-to-end Management of Dynamic Manufacturing Networks” <http://www.imagine-futurefactory.eu>

MSEE: FP7-ICT – 284860 – “Manufacturing Service Ecosystem” <http://www.msee-ip.eu/>;

ENSEMBLE: FP7-ICT - 257548 - “Promoting Future Internet Enterprise Systems Research”

ALTERNATIVA: DCI-ALA/19.09.01/10/21526/245-575/ALFA III(2010)88 - “Referentes Curriculares con incorporación tecnológica par alas facultades de educación en las áreas de lenguaje, matemáticas y ciencias, para atender poblaciones en contextos de diversidad.” - www.alfa3alternativa.eu/

UNITE: FP7-ICT – 248583 – “UpgradiNg ICT excellence by strengthening cooperation between research Teams in an Enlarged Europe” <http://www.unite-europe.eu/>

CRESCENDO: FP7-TRANSPORT – 234344 – “Collaborative and Robust Engineering using Simulation Capability Enabling Next Design Optimisation” <http://www.crescendo-fp7.eu/>;

iSurf: FP7-ICT – 213031– “An Interoperability Service Utility for Collaborative Supply Chain Planning across Multiple Domains Supported by RFID Devices” <http://www.srdc.com.tr/isurf/>;

INNOVAFUN: FP7-ICT – 213031– “Applying open standards to INNOVate FUrNiture business processes” <http://standards.eu-innova.org/Pages/Innovafun/default.aspx> ;

CoSpaces: FP6-IST - 034245– “Innovative Collaborative Work Environments for Design and Engineering” - <http://www.cospaces.org/>;

INTEROP: FP6-IST - 508011 – “Interoperability Research for Networked Enterprises Applications” - <http://www.interop-noe.org/>;

ATHENA: FP6-IST – 507849– “Advanced Technologies for interoperability of Heterogenous Enterprise Networks and their Applications” - <http://www.athena-ip.org/>;

SMART-fm: FP5-IST – IST-2001-52224 – <http://www.smart-fm.funstep.org/>;

IDEAS: FP5-IST - IST-2001-37368 – “Interoperability Development for Enterprise Application and Software- Roadmaps”;

TeleCARE: FP5-IST - IST-2000-27607– “A Multi-Agent Tele-supervision System for Elderly Care” - <http://www.uninova.pt/~telecare/>;

Researcher participant in Portuguese Projects:

SEMANTIK: QREN - LISBOA-01-0202-FEDER-024966 – “Semantic Competitive Intelligence and Knowledge Management” - <http://www.stepvalue.com/semantik-2/>

ISOFIN: QREN 2010/13837 – “Interoperabilidade em Software Financeiro” - <http://isofincloud.i2s.pt/>

- Dates (from – to)
- Name and address of employer
 - Type of business or sector
 - Occupation or position held
- Main activities and responsibilities

FROM 2009

FCT – UNL (Electrical Engineer Department)

University

Lecturer

Lecturer invited of the session “Semantic Interoperability” for the Systems Integration and Architectures discipline

- Dates (from – to)
- Name and address of employer
 - Type of business or sector
 - Occupation or position held
- Main activities and responsibilities

FROM 2003 TO 2010

UNINOVA and FCT – UNL (Electrical Engineer Department)
 Research Conferences Organisation
 Organising Committee Member
 DoCEIS'10 – “Doctoral Conference on Computing, electrical and Industrial Systems” 22-24 February 2010, Caparica, Lisbon – Portugal - <http://www.uninova.pt/doceis/doceis10/>
 ICE2008 - 14th International Conference on Concurrent Enterprising, 23-25 Jun 2008, Lisbon, Portugal.
 I-ESA 2007 – “Interoperability For Enterprise Software And Applications” – 3rd International Conference – <http://www.i-esa.org>.
 CE2003 – “Concurrent Engineering 2003” - 10th Ispe International Conference On Concurrent Engineering: Research And Applications.

- Dates (from – to)
- Name and address of employer
 - Type of business or sector
 - Occupation or position held
- Main activities and responsibilities

FROM OCTOBER 2004 TO JUNE 2007

FCT – UNL (Electrical Engineer Department)
 University
 Lecturer Assistant
 Lecturer Assistant of Logic Systems I; Logic Systems II; and Microprocessors Programming

EDUCATION AND TRAINING

- Dates (from – to)
- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
 - Thesis Title
 - Title of qualification awarded
 - Level in national classification (if appropriate)

From 2008 to 2013
 Faculty of Sciences and Technologies of New University of Lisbon

Enterprise Interoperability; Knowledge Representation; Semantic Interoperability; e-Training; Ontologies
 “Semantic Adaptability for the Systems Interoperability”
PhD in Electrical and Computer Engineering – Industrial Information Systems Area
 Approved by unanimity

- Dates (from – to)
- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
 - Title of qualification awarded
 - Level in national classification (if appropriate)

From 2002 to 2005
 Faculty of Sciences and Technologies of New University of Lisbon

Semantic Interoperability
Master of Science in Informatics Engineer
 Very Good

- Dates (from – to)
- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
 - Title of qualification awarded

From 1996 to 2001
 Faculty of Sciences and Technologies of New University of Lisbon

Robotics area
Electrical and Computer Engineering

**PERSONAL SKILLS
AND COMPETENCES**

MOTHER TONGUE

PORTUGUESE

OTHER LANGUAGES

ENGLISH

- Reading skills
- Writing skills
- Verbal skills

Excellent

Good

EXCELLENT

FRENCH

- Reading skills
- Writing skills
- Verbal skills

Excellent

Good

GOOD

SPANISH

- Reading skills
- Writing skills
- Verbal skills

Excellent

BASIC

GOOD

DRIVING LICENCE(S)

A, B, and C classes

ADDITIONAL INFORMATION

PUBLICATIONS IN JOURNALS:

1. JARDIM-GONÇALVES, R. AND SARRAIPA, J. AND AGOSTINHO, C. AND PANETTO, H. (2009) KNOWLEDGE FRAMEWORK FOR INTELLIGENT MANUFACTURING SYSTEMS . IN: JOURNAL OF INTELLIGENT MANUFACTURING , OCTOBER 2009, VOL. 20(5), ISSN: 1572-8145 (ISI WoK IF=1.278 E 5 YEARS IF=2.162)
2. SARRAIPA, J.; JARDIM-GONCALVES, R., AND STEIGER-GARCAO, A. (2010). 'MENTOR: AN ENABLER FOR INTEROPERABLE INTELLIGENT SYSTEMS', INTERNATIONAL JOURNAL OF GENERAL SYSTEMS, 39: 5, 557 — 573, FIRST PUBLISHED ON: 13 MAY 2010 (ISI WoK IF=0.733 E 5 YEARS IF=0.753)
3. JARDIM-GONCALVES, R.; AGOSTINHO, C.; SARRAIPA, J.; GRILO, A.; AND MENDONÇA, J. (2012) REFERENCE FRAMEWORK FOR ENHANCED INTEROPERABLE COLLABORATIVE NETWORKS IN MODERN FURNITURE INDUSTRIAL ORGANIZATIONS: THE FUNSTEP CASE STUDY. IN: INTERNATIONAL JOURNAL OF COMPUTER INTEGRATED MANUFACTURING (2012) (ISI WoK IF=0.944 E 5 YEARS IF=1.120)
4. MATZAKOU, I.; ASKOUNIS, D.; CHARALABIDIS, A.; SARRAIPA, J., AND JARDIM-GONCALVES, R. (2013). TOWARDS A SEMANTICALLY ENHANCED INTEROPERABILITY SERVICE UTILITY TO SUPPORT SMALL-MEDIUM ENTERPRISES. ACCEPTED FOR PUBLISHING IN INTERNATIONAL JOURNAL OF COMPUTATIONAL INTELLIGENCE STUDIES.
5. SARRAIPA, J.; MARQUES-LUCENA, C.; BALDIRIS, S.; FABREGAT, R.; ACIAR, S. (2014). "THE ALTER-NATIVA KNOWLEDGE MANAGEMENT APPROACH". IN: JOURNAL OF INTELLIGENT MANUFACTURING, DOI 10.1007/s10845-014-0929-0, 18 JULY 2014, ISSN: 0956-5515.
6. COSTA, R.; LIMA, C.; SARRAIPA, J.; AND JARDIM-GONÇALVES, R. (2013). FACILITATING KNOWLEDGE SHARING AND REUSE IN BUILDING AND CONSTRUCTION DOMAIN: AN ONTOLOGY-BASED APPROACH. IN: JOURNAL OF INTELLIGENT MANUFACTURING 01/2013; 20:1-20. · 1.14 IMPACT FACTOR
7. MARCELINO-JESUS, E.; SARRAIPA, J.; FERRO-BECA, M.; JARDIM-GONCALVES, R. (2015). A FRAMEWORK FOR TECHNOLOGICAL RESEARCH RESULTS ASSESSMENT ACCEPTED TO BE PUBLISHED IN: IJCIM - INTERNATIONAL JOURNAL OF INTEGRATED MANUFACTURING (2015).
8. FERREIRA, J.; SARRAIPA, J.; FERRO-BECA, M.; AGOSTINHO, C.; AND JARDIM-GONCALVES, R. (2015). END-TO-END MANUFACTURING IN FACTORIES OF THE FUTURE. ACCEPTED TO BE PUBLISHED IN: IJCIM - INTERNATIONAL JOURNAL OF INTEGRATED MANUFACTURING (2015)
9. AGOSTINHO, C.; DUCQ, Y.; ZACHAREWICZ, G.; SARRAIPA, J.; LAMPATHAKI, F.; POLER, R. AND JARDIM-GONCALVES, R. (2015). KNOWLEDGE BASED TRENDS FOR A SUSTAINABLE MODEL-DRIVEN INTEROPERABILITY IN ENTERPRISE INFORMATION SYSTEMS. ACCEPTED TO BE PUBLISHED IN: SPECIAL ISSUE: "FUTURE PERSPECTIVES ON NEXT GENERATION ENTERPRISE INFORMATION SYSTEMS: EMERGING DOMAINS AND APPLICATION ENVIRONMENTS" OF COMPUTERS IN INDUSTRY JOURNAL (2015)

BOOK CHAPTERS:

1. JARDIM-GONCALVES, R.; AGOSTINHO, C.; SARRAIPA, J.; TOGORES, A.; NUÑEZ, M.; AND PANETTO, H. (2011). CHAPTER: STANDARDS FRAMEWORK FOR INTELLIGENT MANUFACTURING SYSTEMS SUPPLY CHAIN. IN THE BOOK: SUPPLY CHAIN MANAGEMENT - NEW PERSPECTIVES, ISBN 978-953-307-633-1, EDITED BY SANDA RENKO.
2. MATZAKOU, I.; MARKAI, O.; ERGAZAKIS, K.; SARRAIPA, J.; AND ASKOUNIS, D. (2014). TOWARDS AN ENHANCED INTEROPERABILITY SERVICE UTILITY: AN ONTOLOGY SUPPORTED APPROACH. DOI: 10.4018/978-1-4666-5142-5.ch011 IN BOOK: REVOLUTIONIZING ENTERPRISE INTEROPERABILITY THROUGH SCIENTIFIC FOUNDATIONS, CHAPTER: 11, PUBLISHER: IGI GLOBAL, EDITORS: YANNIS CHARALABIDIS, FENARETI LAMPATHAKI, RICARDO JARDIM-GONCALVES, PP.253-279
3. AVILA, C.; BACCA, J.; BALDIRIS, S.; FABREGAT, R.; SARRAIPA, J.; JARDIM-GONCALVES, R.; LUCENA, C.; ACIAR, S. (2014). CHAPTER: FACILITANDO A LOS PROFESORES EL PROCESO DE CREACIÓN DE OBJETOS DE APRENDIZAJE ACCESIBLES. IN BOOK: OBJETOS DE APRENDIZAJE, REPOSITARIOS Y FEDERACIONES... CONOCIMIENTO PARA TODOS. ISBN 978-958-775-181-9; VOL.1; PUB: UNIVERSIDAD NACIONAL DE COLOMBIA - SEDE MANIZALES.

PUBLICATIONS IN CONFERENCES:

1. JARDIM-GONCALVES, R.; OLAVO, R.; SARRAIPA, J.; AND STEIGER-GARCAO, A. (2004). ONTOLOGY-BASED FRAMEWORK FOR ENHANCED INTEROPERABILITY IN NETWORKED INDUSTRIAL ENVIRONMENTS. IN: INCOM2004, 11TH IFAC SYMPOSIUM ON INFORMATION CONTROL PROBLEMS IN MANUFACTURING, BRAZIL, 2004.
2. SARRAIPA, J.; ZOUGGAR, N.; CHEN, D.; JARDIM-GONCALVES, R. (2007). ANNOTATION FOR ENTERPRISE INFORMATION MANAGEMENT TRACEABILITY. IN PROCEEDINGS OF IDETC/CIE ASME 2007.
3. AGOSTINHO C, SARRAIPA J, D'ANTONIO F, JARDIM-GONCALVES, R. (2007). ENHANCING STEP-BASED INTEROPERABILITY USING MODEL MORPHISMS. IN: 3RD INTERNATIONAL CONFERENCE ON INTEROPERABILITY FOR ENTERPRISE SOFTWARE AND APPLICATIONS (I-ESA 2007)
4. SARRAIPA, J.; SILVA, J. P.; JARDIM-GONCALVES, R.; MONTEIRO, A.; (2008). MENTOR – METHODOLOGY FOR ENTERPRISE REFERENCE ONTOLOGY DEVELOPMENT, IN: INTELLIGENT SYSTEMS, 2008 (IS '08), 4TH INTERNATIONAL IEEE CONFERENCE, PP 6.32-6.40, 2008.
5. SARRAIPA, JOÃO AND ONOFRE, SÉRGIO AND MALÓ, PEDRO AND JARDIM-GONÇALVES, RICARDO (2008) INTER-ENTERPRISE COLLABORATION THROUGHOUT ONTOLOGICAL ORCHESTRATION. IN: ECHALLENGES E-2008, 22-24 OCT 2008, STOCKHOLM, SWEDEN.
6. MALÓ, P.; SARRAIPA, J.; JARDIM-GONÇALVES, R.; AND STEIGER-GARÇÃO, A. (2008). A TRAINING CURRICULUM IN COLLABORATION FOR ENGINEERING MANAGEMENT. [PAPER]. IN: IEMC-EUROPE 2008 INTERNATIONAL ENGINEERING MANAGEMENT CONFERENCE, 28-30 JUN 2008, ESTORIL, PORTUGAL.

7. MALÓ, P.; SARRAIPA, J.; JARDIM-GONÇALVES, R. AND STEIGER-GARÇÃO, A. (2008). "THE CoSPACES TRAINING SYSTEM" [PAPER]. IN: ICE2008 - 14TH INTERNATIONAL CONFERENCE ON CONCURRENT ENTERPRISING, 23-25 JUN 2008, LISBON, PORTUGAL.
8. SARRAIPA, J. AND AGOSTINHO, C. AND PANETTO, H. AND JARDIM-GONÇALVES, R. (2009) SEMANTIC ENRICHMENT OF STANDARD-BASED ELECTRONIC CATALOGUES. IN: 13TH IFAC SYMPOSIUM ON INFORMATION CONTROL PROBLEMS IN MANUFACTURING (IFAC-INCOM), JUN 2009, MOSCOW, RUSSIA.
9. SILVA, J.; MONTEIRO, A.; SARRAIPA, J.; AND JARDIM-GONCALVES, R. (2009) TOWARDS ONTOLOGY HARMONIZATION OF MECHANICAL MANUFACTURE CONSTRAINTS THROUGH PLC. IN: PROCEEDINGS OF THE 20TH INTERNATIONAL CONGRESS OF MECHANICAL ENGINEERING, NOVEMBER, 2009, GRAMADO-RS BRAZIL.
10. SARRAIPA, J. AND VIEIRA, H. AND AGOSTINHO, C. AND GONCALVES, R. (2009) METHODOLOGY FOR SEAMLESS SUPPLY CHAIN PLANNING. IN: 1ST INTERNATIONAL CONFERENCE ON SOFTWARE, SERVICES & SEMANTIC TECHNOLOGIES (S3T), 28-29 OCT 2009, SOFIA, BULGARIA.
11. SARRAIPA, J.; GASPAR, T.; JARDIM-GONCALVES, R. AND STEIGER-GARCAO, A. (2010). COLLABORATIVE ONTOLOGY BUILDING USING QUALITATIVE INFORMATION COLLECTION METHODS. IN: 5TH IEEE INTERNATIONAL CONFERENCE ON INTELLIGENT SYSTEMS IS'10, JULY 7-9, LONDON, UK.
12. SARRAIPA, J.; FIGUEIREDO, D.; MALÓ, P. AND JARDIM-GONCALVES, R. (2010). AN INTER-ORGANISATIONAL APPROACH TO INDUSTRIAL E-TRAINING. IN: COLLABORATIVE KNOWLEDGE MANAGEMENT - CKM 2010: INTER-ORGANIZATIONAL COLLABORATION, COLLABORATIVE SOFTWARE DEVELOPMENT, AND KNOWLEDGE MANAGEMENT (I) - INVITED SESSION (0000014) (KGCM) OF THE 3RD INTERNATIONAL MULTI-CONFERENCE ON ENGINEERING AND TECHNOLOGICAL INNOVATION: IMETI 2010.
13. JARDIM-GONCALVES, R.; SARRAIPA, J.; AND STEIGER-GARCAO, A. (2010). SEMANTIC HARMONIZATION FOR SEAMLESS NETWORKED SCP IN THE FUTURE OF INTERNET. IN: ENTERPRISE ARCHITECTURE, INTEGRATION, INTEROPERABILITY AND NETWORKING (EAI2N) OF THE 17 IFIP INTERNATIONAL CONFERENCES HELD AT SEPTEMBER 20-23 2010 IN BRISBANE AUSTRALIA.
14. JARDIM-GONCALVES, R.; SARRAIPA, J.; AND SILVA, J. (2010). METHODOLOGY FOR THE DEVELOPMENT OF SUSTAINABLE REFERENCE ONTOLOGY IN THE MECHANICAL ENGINEERING DOMAIN. IN PROCEEDINGS OF THE ASME 2010 INTERNATIONAL MECHANICAL ENGINEERING CONGRESS & EXPOSITION - IMECE2010, NOVEMBER 12-18, 2010, VANCOUVER, BRITISH COLUMBIA, CANADA
15. JARDIM-GONCALVES, R.; SARRAIPA, J.; AND SILVA, J. (2010). SUSTAINABLE REFERENCE ONTOLOGY DEVELOPMENT IN MECHANICAL ENGINEERING DOMAIN. IN PROCEEDINGS OF THE ASME 2010 INTERNATIONAL MECHANICAL ENGINEERING CONGRESS & EXPOSITION - IMECE2010, NOVEMBER 12-18, 2010, VANCOUVER, BRITISH COLUMBIA, CANADA.
16. AGOSTINHO, C.; SARRAIPA, J., GONCALVES, D., AND JARDIM-GONCALVES, R. (2011). TUPLE-BASED SEMANTIC AND STRUCTURAL MAPPING FOR A SUSTAINABLE INTEROPERABILITY. IN: DOCEIS'11 2ND DOCTORAL CONFERENCE ON COMPUTING, ELECTRICAL AND INDUSTRIAL SYSTEMS – COSTA DE CAPARICA, LISBON, FEBRUARY 2011.
17. SARRAIPA, J.; JARDIM-GONCALVES, (2011). KNOWLEDGE-BASED SYSTEM FOR SEMANTICS ADAPTABILITY OF ENTERPRISES INFORMATION SYSTEMS. IWEI 2011 - THE INTERNATIONAL IFIP WORKING CONFERENCE ON ENTERPRISE INTEROPERABILITY. MARCH 23-24, ON STOCKHOLM, SWEDEN.
18. SARRAIPA, J.; JARDIM-GONCALVES, (2011). SEMANTICS ADAPTABILITY FOR SYSTEMS INTEROPERABILITY. IN PROCEEDINGS OF THE 1ST UNITE DOCTORAL SYMPOSIUM, 27-28 JUNE 2011, BUCHAREST, ROMANIA
19. BECA, M.; SARRAIPA, J.; AGOSTINHO, C.; AND JARDIM-GONCALVES, R. (2011). TUPLE-BASED MORPHISMS FOR E-PROCUREMENT SOLUTIONS. IN: PROCEEDINGS OF THE ASME 2011 INTERNATIONAL DESIGN ENGINEERING TECHNICAL CONFERENCE & COMPUTERS AND INFORMATION IN ENGINEERING CONFERENCE IDETC/CIE 2011 (2011)
20. FERREIRA, J.; AGOSTINHO, C.; SARRAIPA, J., AND JARDIM-GONCALVES, R. (2011). MONITORING MORPHISMS TO SUPPORT SUSTAINABLE INTEROPERABILITY OF ENTERPRISE SYSTEMS. IN: PROCEEDINGS OF THE EI2N 2011 : 6TH INTERNATIONAL WORKSHOP ON ENTERPRISE INTEGRATION, INTEROPERABILITY AND NETWORKING, OCTOBER 19-20 2011 CRETE, GREECE
21. SILVA, J.; CAVACO, F.; SARRAIPA, J.; AND JARDIM-GONCALVES, R. (2011). KNOWLEDGE BASED METHODOLOGY SUPPORTING INTEROPERABILITY INCREASE IN MANUFACTURE DOMAIN. IN THE PROCEEDINGS OF THE ASME CONGRESS2011 ASME INTERNATIONAL MECHANICAL ENGINEERING CONGRESS AND EXPOSITION IMECE 2011, NOVEMBER 11-17, 2011, DENVER, CO, USA
22. FERREIRA, J.; AGOSTINHO, C.; SARRAIPA, J., AND JARDIM-GONCALVES, R. (2012). MONITORING MORPHISMS TO SUPPORT SUSTAINABILITY OF INTEROPERABILITY IN THE MANUFACTURING DOMAIN. IN THE PROCEEDINGS OF THE INCOM 2012 - 14TH IFAC SYMPOSIUM ON INFORMATION CONTROL PROBLEMS IN MANUFACTURING, BUCHAREST, ROMANIA, MAY 23-25, 2012.
23. RESTREPO, E. G.; MEDINA, R.; BRIONES, R.; CÓRDOVA, I.; MEDINA, G.; PINZÓN, S.; CORONADO, P.; FINAT, C.; BTICARIO, J. G.; MÉNDEZ, D.; SACCO, A.; VANEGAS, C.; ANDRADE, F.; RODRÍGUEZ, S.; GINOCCHIO, M. I.; MEMBREÑO, O. Z.; SARRAIPA, J. (2012). KIT ALTER-NATIVA: EMPODERANDO A LOS PROFESORES PARA UNA EDUCACIÓN EN CONTEXTOS DE DIVERSIDAD. IN: THE III CONGRESO IBEROAMERICANO SOBRE CALIDAD Y ACCESIBILIDAD DE LA FORMACIÓN VIRTUAL (CAFVIR 2012), ALCALÁ DE HENARES, ESPAÑA, APRIL 25-27, 2012.
24. SARRAIPA, J.; BALDIRIS, S., FABREGAT, R.; AND JARDIM-GONCALVES, R. (2012). KNOWLEDGE REPRESENTATION IN SUPPORT OF ADAPTABLE eLEARNING SERVICES FOR ALL. IN THE PROCEEDINGS OF THE DSAI'12 - SOFTWARE DEVELOPMENT FOR ENHANCING ACCESSIBILITY AND FIGHTING INFO-EXCLUSION, DOURO REGION, PORTUGAL, 19-22 JULY, 2012.

25. MATZAKOU, I.; ASKOUNIS, D.; SARRAIPA, J., AND JARDIM-GONCALVES, R. (2012). ENHANCED KNOWLEDGE MANAGEMENT OF AN INTEROPERABILITY SERVICE UTILITY. IN THE PROCEEDINGS OF THE 6TH IEEE INTERNATIONAL CONFERENCE ON INTELLIGENT SYSTEMS IS'12, SOFIA, BULGARIA, SEPTEMBER 6-8, 2012.
RECEIVED BEST PAPER AWARD
26. ALVES, G., SARRAIPA J., SILVA, J. P. M AND JARDIM-GONÇALVES R. A FRAMEWORK FOR SEMANTIC CHECKING OF INFORMATION SYSTEMS, ACCEPTED TO THE: FIFTH INTEROP-VLAB.IT WORKSHOP, CO-LOCATED WITH ITAIS 2012 (IX CONFERENCE OF THE ITALIAN CHAPTER OF AIS ORGANIZATION CHANGE AND INFORMATION SYSTEMS: WORKING AND LIVING TOGETHER IN NEW WAYS), 28TH OF SEPTEMBER 2012 IN ROME, ITALY (2012).
27. MARCELINO-JESUS, E.; SARRAIPA, J.; ANTÃO, M.; JARDIM-GONÇALVES R.; (2012). METHODOLOGY FOR THE ECONOMIC VIABILITY OF COMPANIES IN THE SEMANTIC ADAPTATION OF INFORMATION SYSTEMS. ACCEPTED FOR THE ASME INTERNATIONAL MECHANICAL ENGINEERING CONGRESS AND EXPOSITION, IMECE 2012, NOVEMBER 9-15, 2012, HOUSTON, TX, USA.
28. LUCENA, C.; SARRAIPA, J., AND JARDIM-GONCALVES, R. (2013). SEMANTIC ADAPTATION OF KNOWLEDGE REPRESENTATION SYSTEMS. IN: DOCEIS'13 4TH DOCTORAL CONFERENCE ON COMPUTING, ELECTRICAL AND INDUSTRIAL SYSTEMS – TO BE HELD ON COSTA DE CAPARICA, LISBON, APRIL 2013.
29. FERREIRA, J., AGOSTINHO, C., SARRAIPA, J. & JARDIM-GONCALVES, R. (2013). IMAGINE BLUEPRINTS FOR THE FURNITURE INDUSTRY: INSTANTIATION WITH THE ISO 10303-236. IN: ICE'13 IEEE INTERNATIONAL TECHNOLOGY MANAGEMENT CONFERENCE, 24-26, JUNE, THE HAGUE, NETHERLANDS
30. MARCELINO-JESUS, E.; SARRAIPA, J.; AND JARDIM-GONÇALVES, R. (2013). AN EVALUATION APPROACH FOR RESEARCH PROJECT PILOT. IN: ICNAAM – 11TH INTERNATIONAL CONFERENCE OF NUMERICAL ANALYSIS AND APPLIED MATHEMATICS, 21-27 SEPTEMBER 2013, RHODES, GREECE.
31. COSTA, R.; LIMA, C.; SARRAIPA, J.; AND JARDIM-GONÇALVES, R. (2013). SEMANTIC ENRICHMENT OF BUILDING AND CONSTRUCTION KNOWLEDGE SOURCES USING A DOMAIN ONTOLOGY FOR CLASSIFICATION. IN: ICNAAM – 11TH INTERNATIONAL CONFERENCE OF NUMERICAL ANALYSIS AND APPLIED MATHEMATICS, 21-27 SEPTEMBER 2013, RHODES, GREECE.
32. MARCELINO-JESUS, E.; SARRAIPA, J.; ANTÃO, M.; JARDIM-GONÇALVES R.; LLIE-ZUDOR, E. (2013). MSIRP - METHODOLOGY FOR THE ECONOMIC VIABILITY OF SEMANTIC INTEROPERABILITY RESOLUTION PROJECTS". IN THE ASME INTERNATIONAL MECHANICAL ENGINEERING CONGRESS AND EXPOSITION, IMECE 2013, NOVEMBER 15-21, 2013, SAN DIEGO, CA, USA.
33. SARRAIPA, J.; GOMES-DE-OLIVEIRA, P.; MARQUES-LUCENA, C.; JARDIM-GONÇALVES R.; SILVA, J. M. (2013). E-TRAINING DEVELOPMENT APPROACH FOR ENTERPRISE KNOWLEDGE EVOLUTION. IN THE ASME INTERNATIONAL MECHANICAL ENGINEERING CONGRESS AND EXPOSITION, IMECE 2013, NOVEMBER 15-21, 2013, SAN DIEGO, CA, USA.
34. LUIS-FERREIRA, F.; MARQUES-LUCENA, C.; SARRAIPA, J.; JARDIM-GONÇALVES R.; (2013). FRAMEWORK FOR MANAGEMENT OF INTERNET OBJECTS IN THEIR RELATION WITH HUMAN SENSATIONS AND EMOTIONS. IN THE ASME INTERNATIONAL MECHANICAL ENGINEERING CONGRESS AND EXPOSITION, IMECE 2013, NOVEMBER 15-21, 2013, SAN DIEGO, CA, USA.
35. MIGUEL FERRO-BECA, M.; SARRAIPA, J.; AGOSTINHO, C.; GIGANTE, F.; JOSE-NUNIEZ, M.; AND JARDIM-GONCALVES, R. (2014). A FRAMEWORK TO ENHANCE SUPPLIER SEARCH IN DYNAMIC MANUFACTURING NETWORKS. IN PROCEEDINGS OF THE 4TH INTERNATIONAL CONFERENCE ON INFORMATION SOCIETY AND TECHNOLOGY (ICIST 2014), KAPAONIK, SERBIA; 01/2014
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40. LUIS-FERREIRA, F.; SARRAIPA, J.; JARDIM-GONCALVES, R. (2014). FRAMEWORK FOR ADAPTIVE KNOWLEDGE TRANSMISSION SUPPORTED BY HCI AND INTEROPERABILITY CONCEPTS. IN: 16TH INTERNATIONAL CONFERENCE ON HUMAN-COMPUTER INTERACTION (HCI2014), 22 - 27 JUNE 2014, CRETA MARIS, HERAKLION, CRETE, GREECE
41. SARRAIPA, J.; FERRO-BECA, M.; LUCENA, C.; AND JARDIM-GONCALVES, R. (2014). KNOWLEDGE MANAGEMENT SUPPORT IN SENSING ENTERPRISES ESTABLISHMENT. IN INCOM2014, 19TH WORLD CONGRESS THE INTERNATIONAL FEDERATION OF AUTOMATIC CONTROL, CAPE TOWN, SOUTH AFRICA. AUGUST 24-29, 2014.
42. MARCELINO-JESUS, E.; SARRAIPA, J.; AGOSTINHO, C.; AND JARDIM-GONÇALVES R.; (2014). A REQUIREMENTS ENGINEERING METHODOLOGY FOR TECHNOLOGICAL INNOVATIONS ASSESSMENT IN: CE 2014 - THE 21ST ISPE - INTERNATIONAL CONFERENCE ON CONCURRENT ENGINEERING, SEPTEMBER 8TH - 10TH, 2014, BEIJING, CHINA

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44. MARCELINO-JESUS, E.; LLIE-ZUDOR, E.; SARRAIPA, J.; JARDIM-GONCALVES R.; (2014). THE ROLE OF ETHICAL ISSUES IN COLLABORATIVE MANUFACTURING RESEARCH. IN: ASME 2014 INTERNATIONAL MECHANICAL ENGINEERING CONGRESS & EXPOSITION; 11/2014
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RESEARCHER MEMBER OF:

INTEROP-VLAB - TASK FORCE 6: ONTOLOGY FOR ENTERPRISE INTEROPERABILITY: [HTTP://INTEROP-VLAB.EU/](http://interop-vlab.eu/)

MSc THESIS CO-SUPERVISOR

1. "METHODOLOGY FOR COLLABORATIVE ENTERPRISE REFERENCE ONTOLOGY BUILDING" BY TIAGO MANUEL DOS SANTOS GASPAR – MSc. DISSERTATION PRESENTED AT FACULDADE DE CIÊNCIAS E TECNOLOGIA OF UNIVERSIDADE NOVA DE LISBOA TO OBTAIN THE MASTER DEGREE IN ELECTRICAL, SYSTEMS AND COMPUTER ENGINEERING (2011)
2. "CUSTOMISABLE E-TRAINING PROGRAMMES BASED ON TRAINEES PROFILES" BY DIOGO MIGUEL FRIAS DE FIGUEIREDO – MSc. DISSERTATION PRESENTED AT FACULDADE DE CIÊNCIAS E TECNOLOGIA OF UNIVERSIDADE NOVA DE LISBOA TO OBTAIN THE MASTER DEGREE IN ELECTRICAL, SYSTEMS AND COMPUTER ENGINEERING (2011)
3. "ONTOLOGIES LEARN BY SEARCHING" BY FRANCISCO ANTÓNIO GONÇALVES CAVACO – MSc. DISSERTATION PRESENTED AT FACULDADE DE CIÊNCIAS E TECNOLOGIA OF UNIVERSIDADE NOVA DE LISBOA TO OBTAIN THE MASTER DEGREE IN ELECTRICAL, SYSTEMS AND COMPUTER ENGINEERING (2011)
4. "A FRAMEWORK FOR SEMANTIC CHECKING OF INFORMATION SYSTEMS" BY GONÇALO FRANCO PITA LOURO ALVES – MSc. DISSERTATION PRESENTED AT FACULDADE DE CIÊNCIAS E TECNOLOGIA OF UNIVERSIDADE NOVA DE LISBOA TO OBTAIN THE MASTER DEGREE IN ELECTRICAL, SYSTEMS AND COMPUTER ENGINEERING (2012)
5. "E-TRAINING DEVELOPMENT APPROACH FOR ENTERPRISE KNOWLEDGE EVOLUTION" BY: PEDRO GOMES DE OLIVEIRA – MSc. DISSERTATION PRESENTED AT FACULDADE DE CIÊNCIAS E TECNOLOGIA OF UNIVERSIDADE NOVA DE LISBOA TO OBTAIN THE MASTER DEGREE IN ELECTRICAL, SYSTEMS AND COMPUTER ENGINEERING (2013)
6. "FRAMEWORK FOR THE SEMANTIC ALIGNMENT OF ENTERPRISE'S DOMAIN KNOWLEDGE " BY: FABIO BRANCO – MSc. DISSERTATION PRESENTED AT FACULDADE DE CIÊNCIAS E TECNOLOGIA OF UNIVERSIDADE NOVA DE LISBOA TO OBTAIN THE MASTER DEGREE IN ELECTRICAL, SYSTEMS AND COMPUTER ENGINEERING (2014)
7. "ENTERPRISE REFERENCE LEXICON BUILDING FROM BUSINESS MODELS" BY: PEDRO ANDRADE – MSc. DISSERTATION PRESENTED AT FACULDADE DE CIÊNCIAS E TECNOLOGIA OF UNIVERSIDADE NOVA DE LISBOA TO OBTAIN THE MASTER DEGREE IN ELECTRICAL, SYSTEMS AND COMPUTER ENGINEERING (2014)

EXPERT COMMITTEE MEMBER:

EXPERTS ABOUT THE ESVAL PROJECT THEMATIC (ACCESSIBILITY IN HIGH EDUCATION IN LATIN AMERICA)
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**MEMBER OF COMITE COORDINADOR
ACADEMICO**

1. CAVA 2012 - IV CONGRESO INTERNACIONAL DE AMBIENTES VIRTUALES DE APRENDIZAJE ADAPTATIVOS Y ACCESIBLES: EL ROL DE LA TECNOLOGÍA EN UN PROCESO EDUCATIVO PERSONALIZADO, ACCESIBLE Y UBICUO 24, 25, 26 DE OCTUBRE DE 2012 - CARTAGENA DE INDIAS – COLOMBIA

**MEMBER OF PROGRAM COMMITTEE /
REVIEWER**

ATICA 2014 - VI CONGRESO INTERNACIONAL SOBRE APLICACIÓN DE TECNOLOGÍAS DE LA INFORMACIÓN Y COMUNICACIONES AVANZADAS, ALCALÁ (SPAIN), 29-31 OCTOBER 2014
 CE 2014 - THE 21ST ISPE - INTERNATIONAL CONFERENCE ON CONCURRENT ENGINEERING, SEPTEMBER 8TH - 10TH, 2014, BEIJING, CHINA
 CE 2015 - THE 22ST ISPE - INTERNATIONAL CONFERENCE ON CONCURRENT ENGINEERING, JULY 20 - 23, 2015, THE NETHERLANDS
 IBERAMIA 2014 - 14TH EDITION OF THE IBERO-AMERICAN CONFERENCE ON ARTIFICIAL INTELLIGENCE, SANTIAGO DE CHILE, NOVEMBER 24-27, 2014
 ICALT 2014 - THE 14TH IEEE INTERNATIONAL CONFERENCE ON ADVANCED LEARNING TECHNOLOGIES, JULY 7 - 9, 2014, ATHENS, GREECE
 ICALT 2015 - THE 15TH IEEE INTERNATIONAL CONFERENCE ON ADVANCED LEARNING TECHNOLOGIES, JULY 6 - 9, 2015, HUALIEN, TAIWAN

CAFVIR 2013 - IV CONGRESO INTERNACIONAL SOBRE CALIDAD Y ACCESIBILIDAD DE LA FORMACIÓN VIRTUAL, LISBOA (PORTUGAL), 17-19 APRIL 2013
CAFVIR 2013 - IV CONGRESO INTERNACIONAL SOBRE CALIDAD Y ACCESIBILIDAD DE LA FORMACIÓN VIRTUAL, LISBOA (PORTUGAL), 17-19 APRIL 2013
CAFVIR 2014 - V CONGRESO INTERNACIONAL SOBRE CALIDAD Y ACCESIBILIDAD DE LA FORMACIÓN VIRTUAL, ANTIGUA (GUATEMALA), 14-16 MAY 2014
CAFVIR 2015 - VI CONGRESO INTERNACIONAL SOBRE CALIDAD Y ACCESIBILIDAD DE LA FORMACIÓN VIRTUAL, GRANADA (SPAIN), 4-6 FEBRUARY 2015
ICIST 2014 - 4TH INTERNATIONAL CONFERENCE ON INFORMATION SOCIETY AND TECHNOLOGY, KOPAONIK, SERBIA, 9-13 MARCH 2014
ICIST 2015 - 5TH INTERNATIONAL CONFERENCE ON INFORMATION SOCIETY AND TECHNOLOGY, KOPAONIK, SERBIA, 8-11 MARCH 2015
ASME-IMECE2013 - ASME 2013 INTERNATIONAL MECHANICAL ENGINEERING CONGRESS & EXPOSITION SAN DIEGO, CALIFORNIA, NOVEMBER 15-21, 2013
ASME-IMECE2014 - ASME 2014 INTERNATIONAL MECHANICAL ENGINEERING CONGRESS & EXPOSITION MONTREAL, CANADA, NOVEMBER 14-20, 2014
ASME-IDETC2015 - INTERNATIONAL DESIGN ENGINEERING TECHNICAL CONFERENCES & COMPUTERS AND INFORMATION IN ENGINEERING CONFERENCE (IDETC/CIE 2015), BOSTON, MASSACHUSETTS, AUGUST 2-5, 2015
INCOM 2015 - 5TH IFAC SYMPOSIUM ON INFORMATION CONTROL PROBLEMS IN MANUFACTURING OTTAWA, CANADA, 11-13 MAY, 2015
IJCIM - INTERNATIONAL JOURNAL OF INTEGRATED MANUFACTURING (2014)
JIM - JOURNAL OF INTELLIGENT MANUFACTURING (2013)

TOPIC REVIEW CO-COORDINATOR

ASME-IDETC2015 - INTERNATIONAL DESIGN ENGINEERING TECHNICAL CONFERENCES & COMPUTERS AND INFORMATION IN ENGINEERING CONFERENCE (IDETC/CIE 2015),
35TH COMPUTERS AND INFORMATION IN ENGINEERING CONFERENCE (CIE)
CIE-20 SEIKM: KNOWLEDGE CAPTURE, REUSE, AND MANAGEMENT
BOSTON, MASSACHUSETTS, AUGUST 2-5, 2015

SESSION CHAIR

ASME-IMECE2014 - ASME 2014 INTERNATIONAL MECHANICAL ENGINEERING CONGRESS & EXPOSITION
TRACK 2 ADVANCED MANUFACTURING, SESSION 2-15 INNOVATIVE PRODUCT DESIGN
MONTREAL, CANADA, NOVEMBER 14-20, 2014

**TECHNICAL SEMINAR PRESENTER /
PLENARY TALKS:**

1. "FUNDAMENTALS ON COLLABORATIVE WORKING" – AT VRAP 2007 (3RD INTERNATIONAL CONFERENCE ON ADVANCED RESEARCH IN VIRTUAL AND RAPID PROTOTYPING 24-29 SEPTEMBER 2007
2. "CUSTOMISABLE E-TRAINING PROGRAMMES" – AT CAVA 2011 III CONGRESO INTERNACIONAL DE AMBIENTES VIRTUALES DE APRENDIZAJE ADAPTATIVOS Y ACCESIBLES – 2,3 AND 4 NOVEMBER 2011 – BOGOTÁ, COLOMBIA
3. "INTELLIGENCE IN EDUCATIONAL SYSTEMS" – AT CAVA 2012 IV CONGRESO INTERNACIONAL DE AMBIENTES VIRTUALES DE APRENDIZAJE ADAPTATIVOS Y ACCESIBLES – 24 - 26 OCTOBER 2012 – CARTAGENA DE INDIAS, COLOMBIA ([HTTP://AVES.EDU.CO/CAVA/CAVA2012/INDEX.PHP](http://aves.edu.co/cava/cava2012/index.php))