

Overview

1. Personal data

Full Name

Carlos Fernando da Silva Ramos

Name under which you publish

Carlos Ramos

Fiscal ID number

169647870

ID document

18003192

Birth date

13-06-1963

National of

Brasil

Gender

M

Work address

GECAD - Grupo de Investigação em Engenharia do Conhecimento e Apoio à Decisão - ISEP/IPP
ISEP, Rua Dr. António Bernardino de Almeida, 431
4200-072 Porto
Portugal

Residential Address

Av. Marginal, Lote 21
4935-580 Chafé
Portugal

Work Phone

22-5571072

Residential Phone

22-8321373

Email

csr@dei.isep.ipp.pt

Fax

22-5020772

Cell phone

92-5562909

URL

<http://www.gecad.isep.ipp.pt>

2. Academic degrees

Year: 2001

Degree: AGREGAÇÃO

Final grade: aprovado por unanimidade

Degree granting institution Universidade do Porto

School/College/Campus Faculdade de Engenharia

Thesis title

Supervisor:

Co-supervisor:

Scientific area

Program title Engenharia Electrotécnica e Computadores

Year: 1993

Degree: DOUTORAMENTO

Final grade: Aprovado por unanimidade com Distinção e Louvor

Degree granting institution Universidade do Porto

School/College/Campus Faculdade de Engenharia

Thesis title Planeamento e Execução de Tarefas em Robótica de Montagem e Manipulação - uma abordagem integrada incluindo a componente sensorial

Supervisor:

Co-supervisor:

Scientific area Engenharia Electrotécnica e Computadores

Program title Engenharia Electrotécnica e Computadores

Year: 1986

Degree: LICENCIATURA

Final grade: 17 valores

Degree granting institution Universidade do Porto

School/College/Campus Faculdade de Engenharia

Thesis title

Supervisor:

Co-supervisor:

Scientific area Engenharia Electrotécnica

Number of curricular years 5

Program title Engenharia Electrotécnica

3. Actividades anteriores e situação actual

Período	Cargo, categoria ou actividade	Instituição
	Vice-Presidente do IPP a área de I&D, Internacionalização e Transferência de Conhecimento	Instituto Politécnico do Porto
	a Assistente Estagiário	Faculdade de Engenharia da Universidade do Porto
	a Assistente	Faculdade de Engenharia da Universidade do Porto
	a Professor Auxiliar	Faculdade de Engenharia da Universidade do Porto
	a equiparado a Professor Coordenador a 50%	Instituto Superior de Engenharia do Porto
	a Professor Coordenador	Instituto Superior de Engenharia do Porto
	a Professor Coordenador com Agregação	Instituto Superior de Engenharia do Porto

4. Area of scientific activity

Engenharia Informática, nomeadamente Inteligência Artificial, Sistemas de Apoio à Decisão e Inteligência Ambiental, Sistemas Inteligentes na Energia.
Computer Science and Engineering, namely Artificial Intelligence, Decision Support Systems, and Ambient Intelligence, Intelligent Energy Systems.

5. Present research interest

Domain of specialization

Inteligência Artificial (Planeamento e Escalonamento; Sistemas Baseados em Conhecimento; Sistemas Multi-Agente e Agentes Inteligentes; Descoberta de Conhecimento; Robótica Inteligente; Tutores Inteligentes)
Sistemas de Apoio à Decisão (Tomada de Decisão em Grupo)
Aplicações às áreas dos Sistemas de Manufatura e dos Sistemas Eléctricos de Energia
Ambientes Inteligentes

Artificial Intelligence(Planning&Scheduling; Knowledge-based Systems; Intelligent Agents and Multi-Agent Systems; Knowledge Discovery; Robotics; Intelligent Tutoring Systems)
Decision Support Systems (Group Decision-Making)
Applications to Manufacturing and Power Systems
Ambient Intelligence

Current research interests

Simulação de Mercados com base em Agentes (Agent-based Market Simulation)
Sistemas de apoio à Tomada de Decisão em Grupo (Group Decision Support Systems)
Argumentação Automática (Argumentation)
Comportamentos Emocionais em Sistemas Inteligentes (Emotional Behaviours in Intelligent Systems)
Ambientes Inteligentes (Ambient Intelligence)
Tutores Inteligentes (Intelligent Tutoring Systems)

Other professional interests/activities

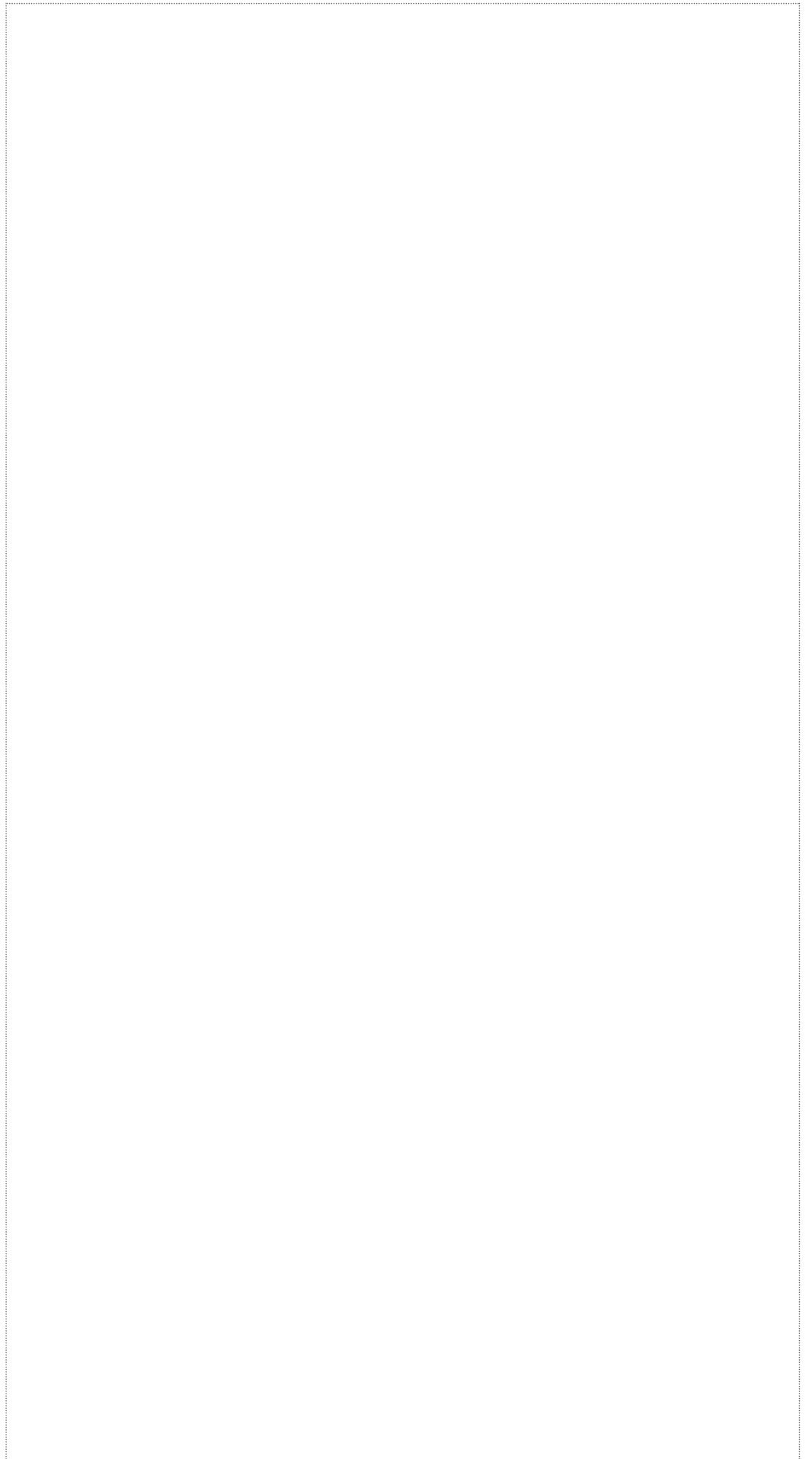
Gestão de actividade de investigação e desenvolvimento
Coordenação de uma unidade de I&D aprovada com a classificação de MUITO BOM pela FCT em 2004 (GECAD - Grupo de Investigação em Engenharia do Conhecimento e Apoio à Decisão)

Vasta experiência em orientações de trabalhos de Mestrado e Doutoramento
Vasta experiência na coordenação de projectos de I&D

R&D activity management and coordination of a R&D unity approved with VERY GOOD level by FCT in 2004 (GECAD - Knowledge Engineering and Decision Support Research Group)

Large experience in PhD and MSc works supervision.
Large experience in R&D project coordination

6. Experience as scientific adviser



Orientou 12 Doutoramentos já concluídos e orienta mais 3 doutoramentos em curso. Orientou 18 Teses de mestrado já concluídas.

Supervised 12 finished PhD works and supervises more 3 on-going PhD works. Supervised more 18 finished MSc Thesis.

DOUTORAMENTOS CONCLUÍDOS / FINISHED PhD (11)

João Rocha, Representação, Análise da Complexidade, Planeamento e Execução de Porcessos Industriais, Tese de Doutoramento, Faculdade de Engenharia da Universidade do Porto, 2000

M. Fátima Rodrigues, Arquitectura Heterogénea para Extracção de Conhecimento a partir de Dados, Tese de Doutoramento, Universidade do Minho, 2000

José Tavares, Geração de Configurações de Sistemas Industriais com o Recurso à Tecnologia das Restrições e Computação Evolucionária, Tese de Doutoramento, Universidade do Minho, 2001

Paulo Sousa, Agentes Inteligentes em Sistemas Holónicos de Produção, Tese de Doutoramento em Informática - área de conhecimento de Inteligência Artificial, Universidade do Minho, 2001

Luiz Faria; Treino e Apoio a Operadores de Centros de Controlo e Condução de Redes Eléctricas - uma abordagem baseada em Conhecimento e Tutores Inteligentes; Faculdade de Engenharia da Universidade do Porto; 2002;

Ana Almeida Figueiredo; Análise e Desenvolvimento de Mecanismos e Algoritmos de Apoio ao Escalonamento Orientado ao Produto; Universidade do Minho; 2003;

Ana Madureira Pereira; Aplicação de Meta-heurísticas ao problema de Escalonamento em Ambiente Dinâmico de Produção Discreta; Universidade do Minho; 2003;

Isabel Praça Pereira; Simulação baseada em Agentes dos Mercados da Electricidade; Universidade de Trás-os-Montes e Alto Douro; 2004

Maria João Viamonte; Mercados Electrónicos baseados em Agentes; Universidade de Trás-os-Montes e Alto Douro; 2004

José Avelino Marinho; Sistemas Inteligentes de Apoio à Decisão com capacidades de justificação de soluções e identificação da intenção do utilizador; Universidade de Trás-os-Montes e Alto Douro; 2006

Maria Goreti Marreiros; Agentes de Apoio à Argumentação e Decisão em Grupo; Universidade do Minho; 2007

Ricardo Santos; Sistema de Apoio à Argumentação em Grupo em Ambientes Inteligentes e Ubíquos considerando aspectos emocionais e de personalidade; Universidade de Trás-os-Montes e Alto Douro; 2010

DOUTORAMENTOS EM CURSO / ON-GOING PhD (2)

Carlos Freitas; Geração de Ideias com suporte em Ontologias; Universidade Nova de Lisboa

António Paulo Santos; Disponibilização de conteúdos e interacção sensíveis ao contexto considerando aspectos emocionais e a personalidade do utilizador; Universidade Nova de Lisboa

MESTRADOS CONCLUÍDOS / FINISHED MSc THESIS(18)

Ana Almeida, "Escalonamento Dinâmico de Tarefas Industriais sujeitas a Prazos de Entrega", Tese de Mestrado em Engenharia Electrotécnica e Computadores, Faculdade de Engenharia da Universidade do Porto, 1996

Luiz Faria, Desenvolvimento de uma Interface Gráfica adequada a Sistemas Periciais usados em Centros de Controlo e Condução, Tese de Mestrado em Engenharia Electrotécnica e Computadores, Faculdade de Engenharia da Universidade do Porto, 1996

Maria Fátima Rodrigues, Custeio Baseado em Actividades e Análise usando um Sistema Executivo de Informação (ABC/EIS), Tese de Mestrado em Engenharia Electrotécnica e Computadores, Faculdade de Engenharia da Universidade do Porto, 1997

Isabel Sampaio, Sistemas Periciais e Tutores Inteligentes em Medicina - diagnóstico, terapia e apoio ao ensino da Otologia, Tese de Mestrado em Engenharia Electrotécnica e Computadores, Faculdade de Engenharia da Universidade do Porto, 1997

Lino Figueiredo, Conversão e Execução de Planos de Processo, Tese de Mestrado em Engenharia Electrotécnica e Computadores, Faculdade de Engenharia da Universidade do Porto, 1997

Nuno Gomes, O Problema do Sequenciamento de Tarefas em Programação Lógica por Restrições, Tese de Mestrado em Engenharia Electrotécnica e Computadores, Faculdade de Engenharia da Universidade do Porto, 1998

José Avelino Marinho, Um Sistema de Apoio à Decisão para o Escalonamento Dinâmico da Produção, Tese de Mestrado em Engenharia Electrotécnica e Computadores, Faculdade de Engenharia da Universidade do Porto, 1998

Alexandre Bragança, Sistema de Planeamento e Gestão de Processos: uma visão integrada da indústria e serviços com base no conceito de Fluxo de Trabalho, Tese de Mestrado em Engenharia Electrotécnica e Computadores, Faculdade de Engenharia da Universidade do Porto, 1998

António Silva, Tutores Inteligentes para Treino de Operadores de Centros de Controlo e Condução de Redes

Eléctricas – Sistema SPARSE-IT, Tese de Mestrado em Engenharia Electrotécnica e Computadores, Faculdade de Engenharia da Universidade do Porto, 1998

Jorge Santos, Verificação e Validação de Sistemas Baseados em Conhecimento – VERITAS, uma ferramenta de Verificação, Tese de Mestrado em Engenharia Electrotécnica e Computadores, Faculdade de Engenharia da Universidade do Porto, 1998

António Kirsh Ferreira, Geração e sequenciamento automático da geometria das áreas de maquinagem, Tese de Mestrado em Informática, Universidade Portucalense, 1998

Nuno Silva, Sistemas Holónicos de Produção especificação e desenvolvimento, Tese de Mestrado em Engenharia Electrotécnica e Computadores, Faculdade de Engenharia da Universidade do Porto, 1998

Fernando Jorge Duarte, Extracção de Conhecimento a partir de Ficheiros de Incidentes dos Centros de Condução da REN – TEMPUS – uma ferramenta de Aprendizagem Automática, Tese de Mestrado em Engenharia Electrotécnica e Computadores, Faculdade de Engenharia da Universidade do Porto, 2000

Nuno Fernandes, Ensino à Distância com suporte na Internet – Alguns passos no sentido de um Laboratório Virtual de Produção, Tese de Mestrado em Engenharia Electrotécnica e Computadores, Faculdade de Engenharia da Universidade do Porto, 2001

Emanuel Silva; Suporte à Decisão com Inteligência Escalável para Planeamento Operacional da Produção; Mestrado em Engenharia Electrotécnica e Computadores, Faculdade de Engenharia da Universidade do Porto; 2002;

Maria Goreti Marreiros; Um Sistema de Apoio à Tomada de Decisão em Grupo; Mestrado em Gestão da Informação, Faculdade de Engenharia da Universidade do Porto; 2002;

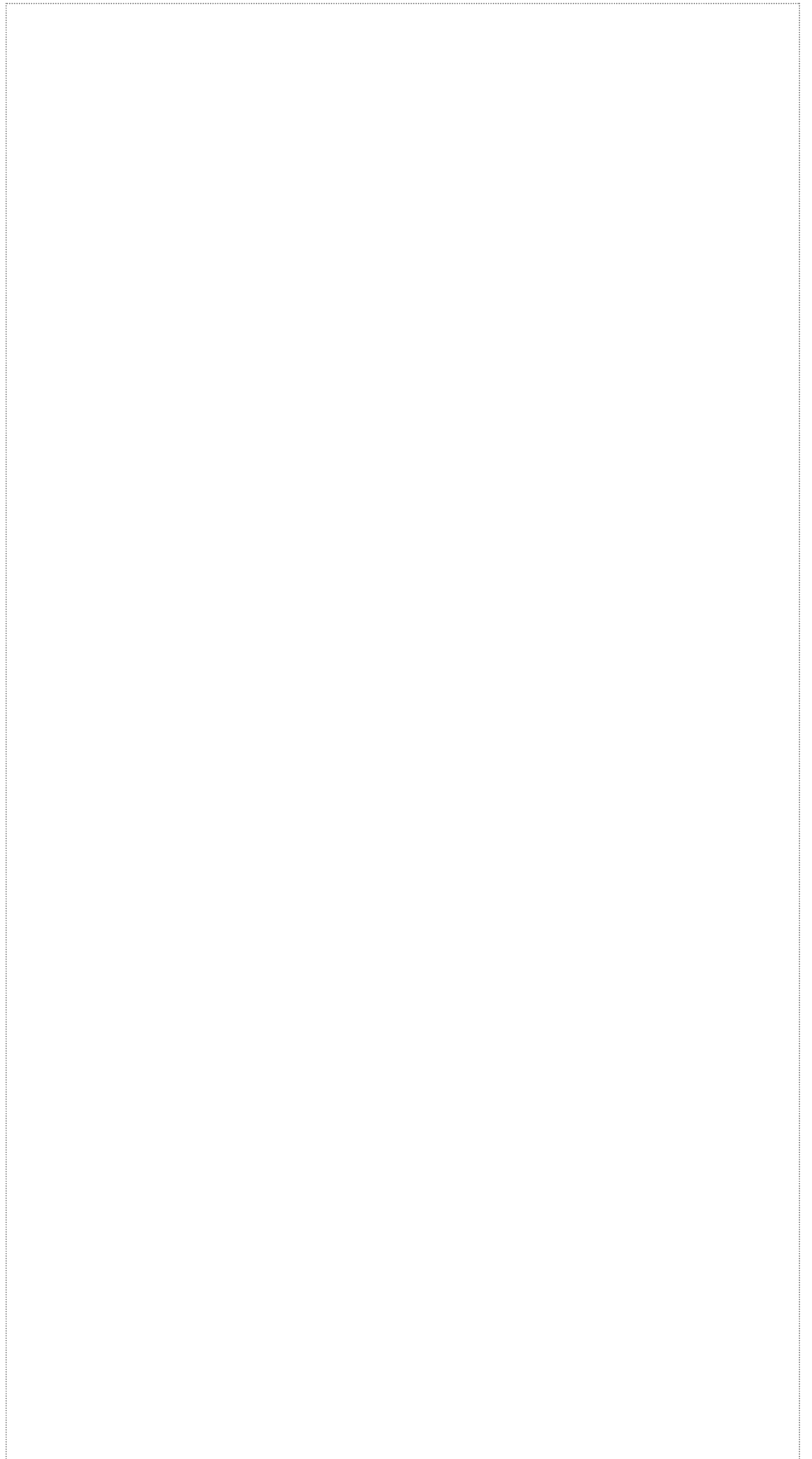
Eugénia Vinagre Moreira; Visualização Personalizada Sensível ao Contexto e às Emoções; Instituto Superior de Engenharia do Porto; 2008;

Rui Marques; eTourism – Mobile Data Interface (Sistema de Apoio On-Line ao Turista em Dispositivos Móveis com Adaptação de Tours Personalizados); Instituto Superior de Engenharia do Porto; 2009

Diana Guimarães; Sistema On-line de Resolução alternativa de Conflitos com recurso à Argumentação; Instituto Superior de Engenharia do Porto; 2010

Rúben Moreira; Credibilidade e Reputação em Agentes Inteligentes; Instituto Superior de Engenharia do Porto; 2010

7. Participation in R&D projects



Coordenou o projecto do GECAD associado ao Programa de Re-equipamento Científico. Coordenou, ainda, o projecto associado ao Financiamento Plurianual da unidade GECAD para o período 2004-2006 e o novo projecto a partir de 2007. Coordenou 15 projectos já finalizados e coordena mais 1 em curso. Participou em mais 15 projectos de I&D.

Coordinated the project related with the Scientific Re-equipment Programme of GECAD unit. Co-ordinated the project related with the Pluriannual Funding of GECAD unit from 2004 to 2006, and coordinates the new project since 2007. Coordinated other 15 finished projects. Coordinates 1 on-going project. Participated in more 15 projects as team member.

PROJECTO RELACIONADO COM O PROGRAMA DE RE-EQUIPAMENTO CIENTÍFICO / PROJECT RELATED WITH THE SCIENTIFIC RE-EQUIPMENT PROGRAMME

iDESK - intelligent DEcision Support in the Knowledge society
Entidade financiadora: FCT
referência: CONC-REEQ/693/2001
orçamento: € 150000

PROJECTOS RELACIONADO COM O FINANCIAMENTO PLURIANUAL/ PROJECT RELATED WITH THE PLURIANNUAL FUNDING

iDESK-RUN - intelligent DEcision Support in the Knowledge society - Reaching Unified Novel approaches
Entidade financiadora: FCT
referência: POSI-SFA-13-760 - 2004-2006
orçamento: € 357950

ISSIW - Intelligence for a Sustainable, Safe, and Inclusive World
Entidade financiadora: FCT
referência: POSI-SFA-13-760 - 2007-2008
orçamento: € 99225

PROJECTOS FINALIZADOS QUE COORDENOU / COORDINATED FINISHED PROJECTS (15):

WG-IMS - Working Group on Intelligent Manufacturing Systems
Entidade financiadora: CE
referência: ESPRIT/21955
orçamento: € 20000 para o GECAD

SFF - Flexible Manufacturing Systems
Entidade financiadora: FLAD
referência: 443/93
orçamento total: € 30000

SAPPIOP - Decision Support System for Process Planning considering Production Optimization
Entidade financiadora: JNICT
referência: PBIC/C/TPR/2556/95
orçamento total: € 26800

SAD-3PE - Decision Support System for Production Planning considering Due Dates
Entidade financiadora: JNICT
referência: PBIC/C/TPR/2551/95
orçamento total: € 18200

SAADESI - Advanced Decision Support System for the Evolution of Industrial Systems
Entidade financiadora: FCT
referência: PRAXIS/P/EEI/10143/1998
orçamento total: € 30800

IMAGE - Integrated Tools for Computer Supported Manufacturing Systems
Entidade financiadora: FCT
referência: POCTI-32352
orçamento: € 40000

SCALINTEL - Decision Support System with Scalable Intelligence for Scheduling
Entidade financiadora: FCT
referência: POCTI-37525
Orçamento: € 80000

SOCRATES - Optimized Intelligent System for Electric Network Control and Support for Operators and Experts
Entidade financiadora: FCT
referência: PRAXIS/CEG/2586/1995
orçamento: € 70000 para o consórcio e € 35000 para o GECAD

SATOREN - Intelligent System for the Support and Training of the Portuguese Electric Network Control Center Operators
Entidade financiadora: AdI
orçamento: € 150000 para o consórcio e € 95000 para o GECAD

DIAARE - Applied Artificial Intelligence Developments for Electric Networks
Entidade financiadora: IPP
orçamento: € 6000

ECOAR - Knowledge Extraction from Data Warehouses
Entidade financiadora: IPP
orçamento: € 4000

GIS/SISAS-Insurance Integrated Management – Information System for the Support of the Insurance Activity
Entidade financiadora: CE-PEDIP
orçamento: € 12000

ISEPmain - Intelligent Scheduling of Power Distribution Networks Maintenance Activities
Entidade financiadora: FCT
referência: POCTI-41950
orçamento de € 20000

ArgEmotionAgents - Argumentative Agents with Emotional Behaviour Modelling for Participants' Support in Group Decision-Making Meetings
Entidade financiadora: FCT
referência: POSC/EIA/56259/2004
orçamento de € 71000

Agents&Markets - Agent based Market Simulation
Entidade financiadora: FCT
referência: POSC/EIA/56260/2004
orçamento de € 74000

PROJECTOS EM CURSO / on-going projects (1):

CITOPSY - Cyber-Ambient Intelligent Training of Operators in Power Systems Control Centres -
Entidade financiadora: FCT
referência: PTDC/EEA-EEL/099575/2008
orçamento de € 105408

OUTROS PROJECTOS EM QUE PARTICIPOU / OTHER PROJECTS IN WHICH PARTICIPATED (15):

AgentLink-I,II and III – Network of Excellence on Agent-Based Computing
Entidade financiadora: CE-IST

PLANET-I and II – Network of Excellence on Artificial Intelligence Planning
Entidade financiadora: CE-IST
referência: IST-29656

GOMEC – Optimized Management for the Competitive Electricity Market
Entidade financiadora: FCT
referência: POCTI-12238
orçamento total: € 27410 para todo o consórcio e € 15690 para o GECAD

IDDA – Intelligent Distributed System for Power Distribution Automation
Entidade financiadora: FCT
referência: POCTI-34451
orçamento: € 41000

SANSKI - Semi-automatic Negotiation Service for Knowledge Interoperability
Entidade financiadora: FCT
referência: POCTI-41830
orçamento: € 45000

ONTOMAPPER - Ontology Automatic Mapping
Entidade financiadora: FCT
referência: POSI-41818
orçamento: € 10000

DAMICE - Power Systems Consumer Profiles and Contracting Strategies supported by Data Mining
Entidade financiadora: FCT
referência: POCTI-39744
orçamento de € 32000

APRICOT - Incident Analysis and Power Restoration with Cooperative Operators Training
Entidade financiadora: FCT
referência: POCTI-47191
orçamento de € 20000

TINSEL - Intelligent Tutors for Electrical Installation Design
Entidade financiadora: FCT
referência: POSC/EIA/61843/2004
orçamento de € 62500

MASDScheGATS - Multi-Agent System for Distributed Manufacturing Scheduling with Genetic Algorithms and Tabu Search
Entidade financiadora: FCT
referência: POCTI/EME/61229/2004
orçamento de € 62000

EDGAR - Exploiting Ontology Engineering Process Information for Semi-Automatic Knowledge Interoperability
Entidade financiadora: FCT
referência: POSC/EIA/61307/2004
orçamento de € 75000

AutoDynAgents - Autonomic Agents with Self-Managing Capabilities for Dynamic Scheduling Support in a Cooperative Manufacturing System
Entidade financiadora: FCT
Referência: PTDC/EME-GIN/66848/2006
orçamento de € 80000

8. Prizes and awards received

Year	Name of the prize or award	Promoting entity
1986	IEEE Prize	The Institute of Electrical and Electronics Engineers

9. Published works

Publicações em actas de encontros científicos

296 PUBLICATIONS IN INTERNATIONAL CONFERENCE PROCEEDINGS ([ci1-ci296]) PLUS 19 PUBLICATIONS IN NATIONAL CONFERENCE PROCEEDINGS ([cn1-cn19]):

[ci1] Eugénio Oliveira e Carlos Ramos, ACRI - um programa de Análise de Cenas vocacionado para a Robótica Inteligente, IBERAMIA-88 Primeiro Encontro Ibero-Americano de Inteligência Artificial, pp. 317-335, Barcelona (Espanha), 1988

[ci2] Eugénio Oliveira, Carlos Ramos e Rui Camacho, AI Systems Cooperation for Robotics, First Workshop on Robotics and CIM, pp. B.9-B.19, Lisboa, 1989

[ci3] Carlos Ramos e Eugénio Oliveira, Cooperation between Vision and Planning Agents in a Simple Simulated Robotic Environment, IAS-2 Second Conference on Intelligent Autonomous Systems, pp. 950-957, Amsterdam (Holanda), 1989

[ci4] Eugénio Oliveira, Rui Silva e Carlos Ramos, Intelligent Cooperation for Robotics, NATO-ASI Expert Systems and Robotics, pp. 259-273, Corfu (Grécia), 1990

[ci5] Carlos Ramos e Eugénio Oliveira, The Generation of Efficient High Level Plans and the Robot World Representation in a Cooperative Community of Robotic Agents, 5th International Conference on Advanced Robotics - ICAR '91, pp. 477-481, Pisa (Itália), 1991

[ci6] Carlos Ramos e Eugénio Oliveira, Intelligent Task Planning and Execution on Assembly Robotics, European Robotics and Intelligent Systems Conference -EURISCON '91, Corfu (Grécia), 1991

[ci7] Eugénio Oliveira e Carlos Ramos, Multi-Agent Cooperation on Assembly Robotics, European Robotics and Intelligent Systems Conference -EURISCON '91, Corfu (Grécia), 1991

[ci8] Carlos Ramos e Eugénio Oliveira, Modelos, Planos e Acções em Ambiente Robótico, Segundas Jornadas Luso-Espanholas de Engenharia Electrotécnica, pp. 6.32-6.39, Coimbra, 1991

[ci9] Carlos Ramos e Eugénio Oliveira, An Efficient Approach to Planning in Assembly Tasks, 5th Portuguese Conference on Artificial Intelligence - EPIA '91, Albufeira, 1991, Lecture Notes in Artificial Intelligence, n. 541, pp. 210-221, Springer-Verlag, 1991

[ci10] Carlos Ramos e Eugénio Oliveira, Heuristic Task Planning and Reactive Execution Planning, Workshop on Assembly Planning: Theory and Implementation, IEEE International Conference on Robotics and Automation, Nice (França), 1992

[ci11] Carlos Ramos e Eugénio Oliveira, Towards Intelligent Robotic Assemblies, Fifth International Conference on Industrial & Engineering Applications of Artificial Intelligence and Expert Systems, Paderborn (Alemanha), 1992, Lecture Notes in Artificial Intelligence, n. 604, pp. 361-370, Springer-Verlag 1992

[ci12] Carlos Ramos e Eugénio Oliveira, Closing the Loop of Task Planning, Action and Sensing, IEEE/RSJ International Conference on Intelligent Robots and Systems - IROS '92, pp. 909-916, Raleigh (Estados Unidos da América), 1992

[ci13] Carlos Ramos e Eugénio Oliveira, Planning, Execution and Sensor-Based Reaction for Assembly Robotic Tasks, European Conference on Artificial Intelligence - ECAI '92, pp. 676-680, Viena (Austria), 1992

[ci14] Carlos Ramos e Eugénio Oliveira, Sensor-Based Reactive Planning and Execution for Robotic Assembly Tasks, IEEE International Conference on Systems Engineering - ICSE '92, pp. 135-138, Kobe (Japão), 1992

[ci15] Carlos Ramos e Eugénio Oliveira, An Intelligent and Reactive Approach to Task and Action Planning, International Conference on Automation, Robotics and Computer Vision, RO-8.1.1/RO-8.1.5, Singapura, 1992

[ci16] Carlos Ramos e Eugénio Oliveira, Planeamento Eficiente em Tarefas de Montagem, Workshop Ibero-Americano em Robótica e CIM, Lisboa, 1992

[ci17] Carlos Ramos e Eugénio Oliveira, Execução, Monitoração Sensorial e Reacção a Situações de Excepção em Robótica de Montagem, Workshop Ibero-Americano em Robótica e CIM, Lisboa, 1992

[ci18] Carlos Ramos e Eugénio Oliveira, CIARC: A Multi-Agent Community for Intelligent Assembly Robotic Systems with Real-Time Capabilities, IEEE International Conference on Systems, Man and Cybernetics - ICSMC '93, pp. 617-622, Le Touquet (França), 1993, artigo convidado

[ci19] João Rocha e Carlos Ramos, Task and Execution Planning for Flexible Manufacturing Systems, International Conference on Integrated Logistics and Concurrent Systems - ILCE '94, pp. 131-139, Montpellier (França), 1994

[ci20] Carlos Ramos, Contracting Resources for Manufacturing Tasks, IEEE International Symposium on Industrial Electronics - ISIE '94, pp. 286-291, Santiago (Chile), 1994

[ci21] João Rocha e Carlos Ramos, Generating and Converting Plans for Intelligent Manufacturing Systems, IEEE International Symposium on Industrial Electronics - ISIE '94, pp. 304-309, Santiago (Chile), 1994

[ci22] Carlos Ramos, An Architecture and a Negotiation Protocol for the Dynamic Scheduling of Manufacturing

Systems, IEEE International Conference on Robotics and Automation - ICRA'94, pp. 3161-3166, San Diego (Estados Unidos da América), 1994

[ci23] João Rocha e Carlos Ramos, Task Planning for Flexible and Agile Manufacturing Systems, IEEE/RSJ International Conference on Intelligent Robots and Systems - IROS '94, pp. 105-112, Munich (Alemanha), 1994, artigo convidado

[ci24] Carlos Ramos, Process Planning: Automatic Sequencing of Operations taking into account Processing Constraints and Production Needs, European Workshop on Concurrent Engineering, Sophia-Antipolis (França), 1994

[ci25] João Rocha, Carlos Ramos e Zita Vale, Sequencing Operations for Process Planning, The Practical Application of PROLOG Conference - PAP'95, pp. 501-510, Paris (França), 1995

[ci26] Zita Vale e Carlos Ramos, Temporal Reasoning requirements of Expert Systems for Power Systems Control Centers, The Practical Application of PROLOG Conference - PAP'95, pp. 599-618, Paris (França), 1995

[ci27] Carlos Ramos, Ana Almeida e Zita Vale, Scheduling manufacturing tasks considering due dates: a new method based on behaviours and agendas, Eighth International Conference on Industrial & Engineering Applications of Artificial Intelligence and Expert Systems, pp. 745-751, Melbourne (Australia), 1995

[ci28] João Rocha e Carlos Ramos, TPMS: a system for sequencing operations in Process Planning, Eighth International Conference on Industrial & Engineering Applications of Artificial Intelligence and Expert Systems, pp. 213-220, Melbourne (Australia), 1995

[ci29] Zita Vale e Carlos Ramos, Temporal Reasoning in Intelligent Applications for Power Systems Control Centers, Eighth International Conference on Industrial & Engineering Applications of Artificial Intelligence and Expert Systems, pp. 819-826, Melbourne (Australia), 1995

[ci30] Carlos Ramos, Ana Almeida e Zita Vale, Um Sistema de Apoio à Decisão para o Escalonamento Dinâmico considerando Prazos de Entrega, 4as Jornadas Luso-Espanholas de Engenharia Electrotécnica, pp. 1626-1633, Porto, 1995

[ci31] João Rocha, Carlos Ramos e Zita Vale, Sequenciamento de Operações no Planeamento do Processo, 4as Jornadas Luso-Espanholas de Engenharia Electrotécnica, pp. 1515-1522, Porto, 1995

[ci32] Luíz Faria, Zita Vale e Carlos Ramos, Interfaces Adaptativas para Sistemas Periciais usados nos Centros de Condução de Redes Eléctricas, 4as Jornadas Luso-Espanholas de Engenharia Electrotécnica, pp. 549-555, Porto, 1995

[ci33] Carlos Ramos, Specifying an Architecture and a Negotiation Protocol for Distributed Manufacturing Systems, Advanced Summer Institute of Network of Excellence in Intelligent Control and Integrated Manufacturing Systems - ASI'95, pp. 390-397, Lisboa, 1995

[ci34] João Rocha, Carlos Ramos e Zita Vale, Heuristic Generation of Operation Sequences for Process Plans, Advanced Summer Institute of Network of Excellence in Intelligent Control and Integrated Manufacturing Systems - ASI'95, pp. 24-33, Lisboa, 1995

[ci35] Carlos Ramos, Ana Almeida e Zita Vale, Scheduling Manufacturing Orders with Due Dates acting as real deadlines, Advanced Summer Institute of Network of Excellence in Intelligent Control and Integrated Manufacturing Systems - ASI'95, pp. 398-406, Lisboa, 1995

[ci36] Carlos Ramos, Task Negotiation for Distributed Manufacturing Systems, First IEEE International Symposium on Assembly and Task Planning - ISATP'95, pp. 259-264, Pittsburgh (Estados Unidos da América), 1995

[ci37] João Rocha e Carlos Ramos, Plan Representation and Generation for Manufacturing Tasks, First IEEE International Symposium on Assembly and Task Planning - ISATP'95, pp. 22-27, Pittsburgh (Estados Unidos da América), 1995

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- [cn19] G. Marreiros, C. Ramos, J. Neves; Agentes de Apoio à tomada de Decisão em Grupo – Considerando Argumentação e Aspectos Emotivos; III Simpósio Doutoral do Departamento de Informática da Escola de Engenharia da Universidade do Minho, 2006.

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- Carlos Ramos; Os diversos momentos dos concursos da Carreira Docente do Ensino Superior Politécnico - Propostas para lidar com a transparência e isenção dos processos; Encontro Nacional do Sindicato Nacional do Ensino Superior; Lisboa; 2005
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José Marinho, Carlos Ramos, Mixed-Initiative to support Scalable Intelligence, IASTED International Conference on Artificial Intelligence and Applications, pp. 166-172, Málaga (Espanha), 2002

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Isabel Praça, Maria João Viamonte, Hugo Morais, Zita Vale e Carlos Ramos. Multi-Agent Systems and Virtual Producers in Electronic Marketplaces. Social Networks and Multiagent Systems Symposium - SNAMAS'09", integrado na "AISB Convention 2009", 6 a 9 de Abril de 2009, Edinburgh, Escócia.

11. Communications in scientific meetings

Language	Reading	Writing	Conversation
English	Very good	Good	Good
French	Good	Basic	Basic
Portuguese	Very good	Very good	Very good
Spanish	Good	Basic	Basic