

CURRICULUM VITAE

PATRICIA TEDESCO

CENTRO DE INFORMÁTICA - UFPE RECIFE-PE BRAZIL
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PERSONAL DETAILS

Full Name	Patricia Cabral de Azevedo Restelli Tedesco
Date of Birth	May 1 st , 1972
Nationality	Brazilian
Marital Status	Single

ACADEMIC TRAINING

- 1997- 2001 **PhD in Artificial Intelligence in Education**
ComputerBased Learning Unit – University of Leeds - UK
- Title: Mediating Meta-cognitive Conflicts in Group Planning Situations
 - Supervisor: Prof. John Self
- 1995 - 1997 **MSc in Computer Science**
Centre of Informatics – Federal University of Pernambuco (UFPE)- Brazil
- Topic: Intelligent Tutoring Systems
 - Supervisors: Profs. Fernando Fonseca and Flávia Barros
- 1990 - 1994 **BSc in Computer Science**
Centre of Informatics – UFPE - Brazil

AWARDS AND SCHOLARSHIPS

- 2006 **Best Independent Game Award – Independent Games Festival – Brazilian Symposium on Games (SBGAMES'2006)**
- 2001-2002 **CNPq Scholarship for Recently Graduated PhDs**
Title of Research – Using Artificial Mediators to Improve Computer Supported Cooperative Work
Research Carried out at the Centre of Informatics – UFPE
- 1997 - 2001 **CAPES Scholarship of PhD Studies Abroad**
- 1995-1997 **CNPq Scholarship for MSc Studies**

WORK EXPERIENCE

2002 - Current **Centro de Informática – UFPE – Lecturer In Computer Science**

- Member of the Symbolic Artificial Intelligence Group. Research is being conducted in partnership with other research groups within the Centre of Informatics, as well as from other Brazilian and European Universities.

Courses Taught:

- Autonomous Agents and Multiagent Systems
- Agent Oriented Development
- Introduction to Artificial Intelligence
- Computational Context and Knowledge Management

PhDs Supervised

- Vaninha Vieira – “A Context-Management Engine”, in co-supervision with Prof. Ana Carolina Salgado (3rd year)
- Sandra Siebra - “A Context-Based Mechanism for Interaction Analysis”, in co-supervision with Prof. Ana Carolina Salgado (finished March/2007)
- Danielle Rousy Silva – “Synthetic Actors for Business Games” in co-supervision with Prof. Geber Ramalho (4th year)
- Carla Taciana Silva – “Separating Crosscutting Concerns in Agent Oriented Detailed Design: The Social Patterns Case, in co-supervision with Prof. Jaelson Castro (finished April/2007)

MSc Supervised (equivalent to MPhil)

- Allan Diego da Silva Lima – “Fact – A Framework for Synthetic Actors” – (ongoing)
- Nancy de Lyra Lino – “A Framework for Modelling Emotions in Synthetic Actors” – (ongoing)
- Eduardo Araújo Oliveira. “PMK –Collab”. (ongoing)
- Eduardo de Carvalho Guerra Dominoni. Modelling “Synthetic Actors Interaction in Serious Games: the case of VTEAM” (ongoing)
- Paulo Roberto Moreira Maciel. – “xaADB – a Framework for Autonomic Database Management” (ongoing)
- Talita Rodrigues de Menezes – “Negotiator Agents for the Patrolling Task” (finished August/2006)
- Pablo de Azevedo Sampaio.- “CInBalada: a Rythmic Laboratory” (finished August/2006)
- Zildomar Carlos Félix. – “Recommending Groups in CSCL” (finished August/2006)
- Adriana Paula Carneiro Cavalcanti. “DBSitter: an Intelligent

- Environment for Monitoring DBMS” (finished February/2005)
- Paula Geralda Barbosa Coelho Torreão. “Project Management Learning Environment: an Intelligent Learning Environment for Project Management” (finished February/2005).
 - -Rodrigo Barros de Vasconcelos Lima. “Dance: A Computational Infrastructure for Dancing Agents” – in co-supervision with Geber Ramalho (finished February/2005)
 - Ana Cláudia Hellmann Vieira. “Analysing Online Collaborative Dialogues with Oxentchê-chat”. (finished February/2004)
 - Marcia Hafele Islabao. “Virtual.Prob – A virtual Learning Environment” - in co-supervision with Marcilia Campos (finished February/2004).

1999 - 2001 **Technical Assistant for the Int. Journal of Artificial Intelligence in Education**

- Computer Based Learning Unit, Leeds University
- Maintaining the journal's electronic publishing on the web:

1996 - 1997 Substitute Lecturer – Centre of Informatics – UFPE
 Course Taught

- Introductory Computing

RESEARCH

Research Areas

- Autonomous Agents and Multiagent Systems
 - Negotiation; Conflict Resolution; Synthetic Actors, Games
- CSCW/CSCL
 - Interaction Analysis
- Computational Context
 - Managing Context; Using Context in Personalised Systems
- Autonomic Computing

Research Projects

- Virtual Team (2007-2008)
 - Project goal: Building a Serious Game for Training Project Managers in Human Resources Management
 - Sponsor: FINEP/SEBRAE
 - Partner: Software Companies in Recife
 - Role: Associated Researcher

- PMLearning (2006-2008)
 - Goal: Building an intelligent learning Virtual Environment for teaching Process-based contents. The environment counts with VICTOR, a learning companion that provides assistance based on the user's personality type
 - Sponsor: FINEP/SEBRAE
 - Partners: Software Companies in Recife
 - Role: Local Coordinator
- SMARTSIM: (2005-2006)
 - Goal: A framework for building Serious Games simulator with Synthetic Actors
 - Sponsor: FINEP
 - Partners: Federal University of Rio Grande do Norte, Software Companies in Recife
 - Role: Coordinator
- CV-Adapt (2003-2005)
 - Goal: Building Virtual Learning Companions with Adaptive Behaviour
 - Role: Coordinator
- CVA-ON – Adaptive Virtual Communities: Ontologies, Metadata and On-line Collaboration (2003-2005)
 - Goal: To develop methodologies and tools for building and maintaining Ontologies in Virtual Communities
 - Sponsor: CNPq (Brazilian National Research Council)
 - Partners: Catholic University of Pelotas (Brazil), Federal University of Santa Maria (Brazil)
 - Role: Local Coordinator
- **Professional Activities**
- **Membership**
 - Brazilian Computing Society
- **Organising Committee Member**
 - SBIA'2002 - Brazilian Symposium on Artificial Intelligence

- ITS'2004 – International Conference on Intelligent Tutoring Systems
- CRIWG'2005 – International Workshop on Groupware
- SBGAMES'2006 – Brazilian Symposium on Games
- **Co-Chair**
 - Workshops at ITS'2004 (International Conference on Intelligent Tutoring Systems 2004) – with Prof. Jack Mostow (Carnegie-Mellon University)
- **Reviewer for International Journals**
 - International Journal of Artificial Intelligence in Education
 - Journal of the Brazilian Computing Society
 - International Journal of Distance Education Technologies
- **Reviewer for International Conferences**
 - AAMAS 2003, 2004 – International conference on Autonomous Agents and Multiagent Systems
 - AIED 2007 – International Conference on Artificial Intelligence in Education
- **Program Committee Member for International Conferences**
 - ITS'2004 – International Conference on Intelligent Tutoring Systems
 - SBIA 2004,2006 – Brazilian Symposium on Artificial Intelligence
- **Program Committee Member for National Events**
 - SBIE 2004, 2005, 2006, 2007 – Brazilian Symposium on Informatics in Education
 - SBSC 2006, 2007 – Brazilian Symposium on Collaborative Systems
 - SBGAMES 2006, 2007 – Brazilian Symposium on Computer Games and Digital Entertainment
 - WTDIA 2004, 2006 – Workshop on Theses and Dissertations on Artificial Intelligence
- **Invited Talks**

- College for the Development of the State of Rio Grande do Norte - FARN-Brazil
- Integrated Colleges of Recife – FIR – Brazil
- Department of Statistics and Informatics – UFRPE - Brazil
- School of Computing, The University of Leeds, UK

PUBLICATIONS

JOURNAL PAPERS

- SIEBRA, S., SALGADO, A. and TEDESCO, P.: A Contextualised Learning Interaction Memory, Journal of the Brazilian Computing Society, to appear, 2007
- TEDESCO, P. C. A. R. . MArCo: Building an Artificial Conflict Mediator to Support Group Planning Interactions. International Journal of Artificial Intelligence in Education, v. 13, p. 117-155, 2003
- TEDESCO, P. C. A. R. . Using Group Models to Support Group Planning Interactions in MArCo. Revista Brasileira de Informática na Educação, v. 11, n. 1, p. 47-53, 2003

**BOOK
CHAPTERS**

- SILVA, C. T. L. L. ; CASTRO, Jaelson ; TEDESCO, Patricia; ARAÚJO, J. ; MOREIRA, A. ; MYLOPOULOS, John . Improving Multi-Agent Architectural Design. SELMAS V LNCS. : , 2007 (to appear)
- SANTOS, V. V. ; FERNANDES, D. ; SALGADO, A. C. ; TEDESCO, P. C. A. R. . Uso e Representação de Contexto em Sistemas Computacionais. In: Cesar A. C. Teixeira; Clever Ricardo G. de Farias; Jair C. Leite; Raquel O. Prates. (Org.). Tópicos em Sistemas Interativos e Colaborativos. São Carlos: UFSCAR, 2006, v. , p. 127-166 (in Portuguese)
- GOMES, A. S. ; TEDESCO, P. C. A. R. ; CASTRO FILHO, J. A. . Ambientes de Aprendizagem em Ciências e Matemática. In: Edla Maria Faust Ramos; Marta Costa Rosatelli; Raul Sidnei Waslawick. (Org.). Informática na Escola: um Olhar Multidisciplinar. 1 ed. Fortaleza: Editora Universitária da Universidade Federal do Ceará, 2003, p. 108-135 (in Portuguese)
- ROSATELLI, M. C. ; TEDESCO, P. C. A. R. . Diagnosticando o Usuário para a Criação de Sistemas Personalizáveis. In: Ricardo Anido e Paulo Cesar Masiero. (Org.). Ciência, Tecnologia e Inovação: Atalhos para o Futuro. 1 ed. : Sociedade Brasileira de Computação, 2003, v. 8, p. 153-202 (in Portuguese)

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- LEITE, L.E., LIMA, O. FILHO, G., MEIRA, S. and TEDESCO, P. Uma Arquitetura de Serviço para Avaliação de Contextos em Redes de TV Digital. In Proceedings of the 25th Brazilian Symposium on Computer networks(SBRC'2007), To appear (in Portuguese)
- SILVA, M. J, MACIEL P.R. M, PINTO, R. C., ALENCAR, F.R., TEDESCO P. and CASTRO, J. Extracting the Best Features of Two Tropos Approaches for the Efficient Design of MAS In Workshop ibero-americano de Engenharia de Requisitos e ambientes de Software (IDEAS'2007), to appear
- SILVA, C. T. L. ; CASTRO, J. F. B. ; TEDESCO, P. C. A. R. ; ARAUJO, J. ; MOREIRA, A. ; MYLOPOULOS, J. . Improving the Architectural Detailed Design of Multi-Agent Systems: The Tropos Case. In: Fifth International Workshop On Software Engineering For Large Scale Multi Agent Systems In Conjunction with ICSE 06, 2006, Shanghai. Proceedings of the Fifth International Workshop On Software Engineering For Large Scale Multi Agent Systems, 2006
- SILVA, D. R. D. ; TEDESCO, P. R. ; RAMALHO, G. L. Usando Atores Sintéticos em Jogos Sérios: O Case Smartsim. In: V Simpósio Brasileiro de Jogos e Entretenimento Digital - SBGames, 2006, Recife. V SBgames 2006, 2006 (in Portuguese)
- MENEZES, T. R. ; TEDESCO, P. C. A. R. ; RAMALHO, G. L. . Negotiator Agents for the Patrolling Task. In: International Joint Conference IBERAMIA/SBIA 2006, 2006, Ribeirao Preto - SP. Proceedings of the International Conference IBERAMIA/SBIA 2006, LNAI. 4140, p. 48-57
- FERNANDES, D. ; SALGADO, A. C. ; TEDESCO, P. C. A. R. . Towards a Context Ontology for Geospatial Data Integration. In: International Workshop on Semantic-based Geographical Information Systems, 2006, MontPellier. LNCS - Proc of SeBGIS. Heidelberg : Springer Verlag, 2006. v. 4278. p. 1576-1585
- PETRY, H. ; SANTOS, V. V. ; TEDESCO, P. C. A. R. ; SALGADO, A. C. . Um Sistema de Recomendação de Especialistas Sensível ao Contexto para Apoio à Colaboração Informal. In: Simpósio Brasileiro de Sistemas Colaborativos, 2006, Natal. Anais do SBSC. Porto Alegre : SBC, 2006. p. 38-47 (in Portuguese)
- SIEBRA, S. A. ; SALGADO, A. C. ; TEDESCO, P. C. A. R. . A Process for User Interaction Analysis in Collaborative Environments. In: Simpósio Brasileiro de Sistemas Colaborativos, 2006, Natal. Anais do SBSC. Porto Alegre : SBC, 2006. p. 48-57
- SIEBRA, S. A. ; SALGADO, A. C. ; TEDESCO, P. C. A. R. . Identifying the Interaction Context in CSCLE. In: 5th International and Multidisciplinary Conference on Modelling and Using Context, 2005, Paris. Proceedings of the 5th International and Multidisciplinary Conference on Modelling and Using Context. Berlin : Springer Verlag, 2005. v. 3554. p. 464-475.

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- SILVA, C. T. L. ; CASTRO, J. F. B. ; TEDESCO, P. C. A. R. ; SILVA, I. G. L. . Describing Agent-Oriented Design Patterns in Tropos. In: Simpósio Brasileiro de Engenharia de Software, 2005, Uberlandia. Proceedings of the Brazilian Simposium on Software Engineering. berlin : springer verlag, 2005. p. 10
- TEDESCO, P. C. A. R. ; SALGADO, A. C. ; SIEBRA, S. A. ; BREZILLON, P. . A Learning Interaction Memory using Contextual Information. In: Workshop on GroupWare and Context - Context'05, 2005, Paris. Proceedings of the Workshops on Cooperative Systems and Context, and, Groupware and Context, 2005. v. 133. p. 1-12
- VIEIRA, A. C. H. ; TEDESCO, P. C. A. R. ; TIMOTEO, A. L. ; LIMA, A. D. S. . Analisando Diálogos para Classificação de Padrões Utilizando Redes Neurais Artificiais e Árvores de Decisão. In: Workshop de Informática na Educação, 2005, são Leopoldo. Anais do Workshop de Informática na Educação - WIE 2005. Porto Alegre : SBC, 2005. p. 1-10.
- SANTOS, V. V. ; TEDESCO, P. C. A. R. ; SALGADO, A. C. . Towards an Ontology for context Representation in Groupware. In: CRIWg - Workshop on Groupware, 2005, Porto de Galinhas. Proceedings of the Eleventh International Workshop on Groupware, 2005. p. 1-9.
- SANTOS, V. V. ; TEDESCO, P. C. A. R. ; SALGADO, A. C. . Representação de Contextos em Ambientes Colaborativos Usando Ontologia.. In: Workshop Brasileiro de Tecnologias para Colaboração (WCSCW'05), 2005, Juiz de Fora. XVI Simpósio Brasileiro de Informática na Educação,, 2005. v. II. p. 721-730.
- SAMPAIO, P. A. ; TEDESCO, P. C. A. R. ; RAMALHO, G. L. . CInBalada: Um Laboratório Multiagente de Geração de Ritmos de Percussão. In: Simpósio Brasileiro de Computação Musical, 2005, Belo Horizonte. Anais do X Simpósio Brasileiro de Computação Musical. Porto Alegre - RS : SBC, 2005. p. 1-12.
- SILVA, C. T. L. ; TEDESCO, P. C. A. R. ; CASTRO, J. F. B. ; PINTO, R. C. . Comparing Agent-Oriented Methodologies Using NFR Approach. In: Third International Workshop on Software Engineering for Large-scale Multi-Agent Systems, 2004, Edinburgh - Scotland. Proceedings of SELMAS 2004, 2004. v. 1. p. 1-9.
- ALMEIDA, A. L. ; RAMALHO, G. L. ; SANTANA, H. P. ; TEDESCO, P. C. A. R. ; MENEZES, T. R. ; CORRUBLE, V. ; CHEVALEYRE, Y. . Recent Advances on Multi-Agent Patrolling. In: Simpósio Brasileiro de Inteligência Artificial, 2004, São Luis. Proceedings of the XVII Brazilian Symposium on Artificial Intelligence. Berlin : Springer Verlag, 2004. v. 3171. p. 474-483.
- PINHO JR., O. C. ; RAMALHO, G. L. ; PAULA, G. E. ; TEDESCO, P. C. A. R. . Sequential Bilateral Negotiation. In: XVII Brazilian Symposium on Artificial Intelligence, 2004, Sao Luis - Maranhao. Proceedings of the XVII Brazilian Symposium on Artificial Intelligence. Berlin : Springer Verlag, 2004. v. 3171. p. 526-535.

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- VIEIRA, A. C. H. ; TEIXEIRA, L. A. ; TIMOTEO, A. L. ; TEDESCO, P. C. A. R. ; BARROS, F. A. . Analysing On-Line Collaborative Dialogues: The Oxentchê-chat. In: VII International Conference on Intelligent Tutoring Systems, 2004, Maceió. Proceedings of the VII Conference on Intelligent Tutoring Systems. Berlin : Springer Verlag, 2004. v. 3220. p. 315-324.
- TEDESCO, P. C. A. R. ; ROSATELLI, M. C. . Helping Groups Become Teams: Techniques for Acquiring and Maintaining Group Models. In: 2nd International Workshop on Designing Computational Models of, 2004, Maceió. Proceedings of the 2nd International Workshop on Designing Computational Models of, 2004. p. 1-8.
- SALGADO, A. C. ; SIEBRA, S. A. ; TEDESCO, P. C. A. R. . Structuring Participants Interactions in Collaborative Learning Environments. In: WebMedia/LA-Web 2004 - Trilha CSCW, 2004, 2004, Ribeirão Preto. Anais do WebMedia/LA-Web 2004, 2004. v. 1. p. 181-187.
- SIEBRA, S. A. ; SALGADO, A. C. ; TEDESCO, P. C. A. R. . Analysing Participant s Interactions in Collaborative Learning Environments. In: 30TH Conferência LatinoAmericana de Informática (CLEI 2004), 2004, Arequipa, PERU. Proceedings of the 30th 30TH Conferência LatinoAmericana de Informática (CLEI 2004), 2004. p. 1-10.
- GOMES, A. V. ; GOMES, A. S. ; TEDESCO, P. C. A. R. . User Needs and User Centered Design of Teaching Support Environments for E-learning. In: Society for Information Technology and Teacher Education 2003, 2003, Albuquerque. Proceedings of the Society for Information Technology and Teacher Education 2003, 2003.
- SIEBRA, S. A. ; SALGADO, A. C. ; TEDESCO, P. C. A. R. . Análise de Interações em um Ambiente de Aprendizagem Colaborativa. In: WEBMÍDIA 2003, 2003, Salvador. Webmidia 2003 - Trilha CSCW. Salvador : UNIFACS, 2003. p. 421-428.
- CRUZ NETO, G. G. ; GOMES, A. S. ; TEDESCO, P. C. A. R. . Elicitação de Requisitos de Sistemas Colaborativos de Aprendizagem Centrada na Atividade de Grupo. In: Simpósio Brasileiro de Informática na Educação, 2003, Rio de Janeiro. Anais do XIV Simpósio Brasileiro de Informática na Educação, 2003.
- SILVA, C. T. L. ; PINTO, R. C. ; CASTRO, J. F. B. ; TEDESCO, P. C. A. R. . Requirements for Multiagent Systems. In: 6th Workshop de Engenharia de Requisitos, 2003, Piracicaba. Proceedings of the 6th International Workshop on Requirements Engineering - WER'03, 2003. v. 1. p. 198-212.

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- TEDESCO, P. C. A. R. . Conflicts in Group Planning: Results from the Experimental Study of MArCo. In: International Conference on Intelligent Tutoring Systems, 2002, Biarritz - França. Intelligent Tutoring Systems - Proceedings of the International Conference on Intelligent Tutoring Systems 2002, 2002. p. 619-629.
 - TEDESCO, P. C. A. R. ; GOMES, A. S. . Amadeus: A Framework To Support Multi-Dimensional Learner Evaluation. In: International Conference on Web-Based Learning, 2002, Hong Kong. Proceedings of the First Conference on Web Based Learning, 2002. p. 230-241.
 - VIEIRA, A. C. H. ; TEDESCO, P. C. A. R. ; PALAZZO, L. A. M. . Utilizando Análise de Diálogo e Ação para Melhoria de Ensino em Comunidades Virtuais de Aprendizado. In: XIII Simpósio Brasileiro de Informática na Educação, 2002, São Leopoldo. Metodologias, Tecnologias e Aprendizagem dentro do Cenário de Informática na Educação. São Leopoldo : Unisinos, 2002. p. 60-67.
 - TEDESCO, P. C. A. R. . Using Group Models to support Group Planning Interactions in MArCo. In: Simpósio Brasileiro de Informática na Educação, 2001, Vitória - ES. Anais do X SBIE. Vitória - ES : SBC, 2001. p. 202-210.
 - TEDESCO, P. C. A. R. ; SELF, J. A. . Using Meta-Cognitive Conflicts to Support Group Problem Solving. In: 5th Conference on Intelligent Tutoring Systems - ITS'2000, 2000, Montreal. Proceedings of the 5th ITS'2000 - Lecture Notes In Computer Science 1839, 2000. p. 232-241.
 - TEDESCO, P. C. A. R. ; SELF, J. A. . MArCo: Using Meta-Cognitive Conflicts to Provoke Strategic Changes. In: International Joint Conference 7th Ibero-American Conference in AI 15th Brazilian Symposium on AI - IBERAMIA-SBIA'2000, 2000, Atibaia - SP. Advances in Artificial Intelligence - Lecture Notes in Artificial Intelligence 1952, 2000. p. 186-195.
 - SELF, J. A. ; KARAKIRIK, E. ; KOR, A. ; TEDESCO, P. C. A. R. ; DIMITROVA, V. . Computer-Based Strategies for Articulate Reflection (and Reflective Articulation). In: 8th International Conference on Computers in Education/International Conference on Computer-Assisted Instruction, 2000, TaiPei. Proceedings of the ICCE'2000 - Learning Societies in The New Millennium: Creativity, Caring & Commitments. TaiPei : National Tsing Hua University, Taiwan, 2000. v. 1. p. 3-12.
 - TEDESCO, P. C. A. R. ; SOUZA, F. F. . Building a Java-Based Intelligent Tutoring System for Teaching Introductory Computing. In: International Conference on Artificial Intelligence and Soft Computing - ASC'97, 1997, Banff. Artificial Intelligence and Soft Computing. Calgary : ACTA Press, 1997.
 - TEDESCO, P. C. A. R. ; BARROS, F. A. ; SOUZA, F. F. . SEI - Sistema de Ensino Inteligente. In: VII Simpósio Brasileiro de Informática na Educação, 1997, São José dos Campos-SP. Anais do VII Simpósio Brasileiro de Informática na Educação, 1997.
 - SIEBRA, S. A. ; TEDESCO, P. C. A. R. ; RAMALHO, G. L. ; BARROS, F. A. ; SOUZA, F. F. . Ambiente de Ensino Baseado em Uma Arquitetura Multi-Agentes. In: STIET - Workshop on Intelligent Tutoring Systems Applied to Education and Training, 1997, São José dos Campos. Proceedings of the Workshop on Intelligent Tutoring Systems Applied to Education and Training, 1997.
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References

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