

# Eduardo Luís Cardoso

## Curriculum Vitae

**Name:** Eduardo Luís Cardoso

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## Biography

Eduardo Luís Cardoso holds an appointment as Researcher, Assistant Professor and Scientific Officer for Knowledge Transfer, Entrepreneurship and Partnerships at Faculty of Biotechnology – UCP Porto.

He has got a PhD in the area of Innovation from the School of Engineering of the Minho University (PT) and as experience in management roles at different projects and programs from research, innovation and technology commercialization. He is graduated in Chemical Engineering from the Faculty of Engineering of the Porto University (FEUP) in the year 1986.

He teaches Innovation and Entrepreneurship; Learning Technologies; and Research Methodologies in different Undergraduate, Master and PhD Programmes, in Business, Science and Technology.

His research interests cover: Innovation; Individual and Organizational Learning; Knowledge Management and Entrepreneurship.

He has coordinated a number of R&D+I projects, some funded in programs like RTD FP or ERASMUS+. He has extensive experience of evaluating R&D+I policies, projects, systems and services. He was consultant of the Evaluation Office from the Education Ministry (PT) where he was also Coordinator of one Competence Center for ICT in Education, cooperating during 10 years on the National Network supporting ICT in Schools

He was team member of one spinoff, in 2009, that now operates in the international markets in the area of Laboratory Technologies.

## Academic degrees:

Year	Academic degree	Institution
2005	PhD Innovation	Minho University, School of Engineering
1991	MSc Industrial Automation	Porto University, Department of Electronic and Computer Engineering
1986	B.Sc Chemical Eng	Porto University, Department of Chemical Engineering

## Professional activities:

Period	Position or category	Institution
1986 to 1999	Project Manager, Lecturer and Trainer	Escola Superior de Biotecnologia, Universidade Católica Portuguesa
1995 to 1997	Associate Director	Escola Superior de Biotecnologia, Universidade Católica Portuguesa
1999 to 2007	Project Manager, Lecturer, IT Manager	Escola Superior de Biotecnologia, Universidade Católica Portuguesa
2008 to 2011	Associate Director	Escola Superior de Biotecnologia, Universidade Católica Portuguesa
2009 to present	Knowledge Transfer and Entrepreneurship Officer	Universidade Católica Portuguesa - Porto
2008 to present	Researcher and Assistant Professor	Escola Superior de Biotecnologia, Universidade Católica Portuguesa

## Area of scientific activity:

Technology-based innovation. Particularly the relationship between technology applications and the socio-economic contexts of individuals, organizations and society. This including social studies to improve the understanding of consumer behavior and market needs.

Aspects of knowledge management and valorization are of particular interest. Including the promotion of entrepreneurship and the support solutions to develop new ventures.

The integration in education and training of skills and capacities for innovation and entrepreneurship is also a key area of interest.

## Research interests/Domain of specialization:

Technology-based innovation.

Understanding consumer behavior and market needs

Knowledge management, valorization and transfer.

Innovation and entrepreneurship.

Technology-enhanced teaching and learning.

## Other skills/activities:

Experienced project manager in national and international contexts.

Certified Teachers Trainer. Certified Vocational Trainer.

Certified IT Service's Manager.

## Supervision of researchers in advanced training:

1 PhD completed.

1 PhD in an early-stage of development.

18 Masters thesis completed (research based).

## Participation in Research Projects:

**Funding Body / Project Title / Dates/ Role in Project.**

Various / Teaching Web Toolkit – LMS development /1997 – 2007 / Coordinator.

Adapt Initiative (EU) / Telemac - Telematic Training Through Multiactor Cooperation for the AgroFood Sector / 1998 – 1999 / Scientific Project Coordinator.

V RTD Framework Programe – Information Society Technologies (EU) / Tools for Distributed Learning at the University (IST - 1999 – 20325) / 2000 – 2002 / Scientific Project Coordinator.

POCTEP (EU) / REAL - Network for Technology Transfer and Innovation in the Agro-Food sector in the Regions Norte (PT) and Galiza (SP) / 2009 – 2011 / Member.

ON2 / SPINLOGIC – Knowledge Valorization and Technology Based Entrepreneurship / 2010 – 2013 / Scientific Project Coordinator.

PRODER / INOVAR - Network for Innovation and Technology Transfer in the Agro-Food sector in Portugal / 2011 – 2015 / Member.

PRODER / AgroFood 3.0 - Innovation in Communicating Technology and Science in the AgroFood Sector / 2011 – 2015 / Member.

Erasmus+ / GILearn – Training Consumers on European PDO / 2013 – 2015 / Member.

Erasmus+ / GoodHerbs – Good practices in exploiting and valorizing aromatic herbs in Europe / 2014 – 2016 / Member.

Erasmus+ / eFoodScience / 2015 – 2017 / Member.

I&IDT N2020 / Lab2Business – Knowledge Transfer Agri e FoodTech / 2016 - Coordinator.

ERA-NET JPI – Water / BioVal - Valorisation of water use in aquaculture using multi trophic systems / 2016 - Member

SUDUE / PhytoSudue – Recovering contaminated soils trough phytomanagement / 2016 – Member

# Publications:

## Books and chapters in books

Belc, M., Teixeira, P., Cardoso, E.L. et al (2014). Food Safety Aspects Concerning Traditional Foods, in Levic, N., Tumbas, R., Canovas, .B. (Eds).” Emerging and Traditional Technologies for Safe, Healthy and Quality Food”. Springer. Switzerland.

Oliveira, S., Cardoso, E. L. (2010). Concepção, Desenvolvimento e Avaliação de um Ambiente Virtual de Aprendizagem – Blogue com Podcasts, in Carvalho, A., Aguiar, C. (Eds.) “Podcasts para Aprender e Ensinar em Contexto”. De Facto Editores. Porto.

Cardoso, E.L. (2010). Empreendedorismo na Universidade Católica Portuguesa – Porto, In Inovação e Empreendedorismo na Universidade. Ciencinvest, CE. Porto.

Cardoso, E.L., Pimenta, P. & Pereira, D.C. (2008). Novas Tecnologias para uma Nova Aprendizagem nas Instituições de Ensino Superior. In Carvalho, C et al (Eds.) “TICAI – TICs para el Aprendizaje de la Ingeniería”.

Soares, I.M.F. & Cardoso, E.L. (2007). Oficina de Aprendizagem Virtual no Ensino da Matemática. In Lagarto, J. (Ed.) Na Rota da Sociedade do Conhecimento - As TIC na Escola. Universidade Católica Editora, 2007.

Mesquita, R., Cardoso, E.L., & Pereira, D.C. (2007) Ambientes de Aprendizagem Construtivistas nas Escolas – Concepção de Conteúdos. In Rocha A. et al (Eds.) Novas Perspectivas em Sistemas e Tecnologias de Informação. Edições Universidade Fernando Pessoa, 2007, Porto.

Cardoso, E.L. Pimenta, P. & Machado, A.B. (2003). Towards the Flexible University: initiating change. In Carvalho C.V. (Ed.), Evaluating e-Learning, 95-112.

Cardoso, E.L. & Machado, A.B. (2001). Towards the Flexible University: Conditions for Change. In Badersten L., & Ossiannilsson E. (Eds.) “e-Learning in a Life-long Learning Perspective”. Lund University Press.

## Papers in international scientific periodicals and proceedings with referees

Cardoso, E. L. (2016). A methodology to promote business development from research outcomes in food science and technology. International Journal of Food Studies, 4(2), 88-94.

Silva A.P., Villegas B., Cardoso E. L. et al (2015). Consumers’ knowledge on protected designation of origin of food products – a cross cultural study. Pangborn2015 Proceedings.

Cardoso, E. L. (2013). Promoting Innovation through a Food Science and Technology Incubator. Proceedings of the Workshop on Technology Transfer. Kaunas - Lithuania. May, 2013.

Cardoso, E. L. (2013). Entrepreneurship: passport for the future. Proceedings XII APN Conference of Food and Nutrition, Lisbon, 17th May, 2013.

Ferreira, S. A. e Cardoso, E. L. (2012). Implementing an e-Learning Regional Educational System. Revista Iberoamericana de Evaluación Educativa, 5 (3), pp. 235-248.

Cardoso, E. L. (2012). A Strategy for an Entrepreneurial University – Portuguese Catholic University at Porto. Proceedings International Conference on University – Industry Partnerships. Porto. December, 2012.

Cardoso, E. L. (2012). Methodologies to promote Start-ups on Science. Proceedings First National Conference of Scientific Entrepreneurship. Polytechnic University of Valencia. Valencia, November, 2012.

Figueiredo, E. & Cardoso, E. L. (2011). Blogs: learning technologies for significant English language learning. Unisinos, 15(2):158-165.

Ferreira, S. A., & Cardoso, E. L. (2010). E-learning as an educational strategy on islands with low population density: Case study in the autonomous region of Azores. International Journal of Emerging Technologies in Learning, 5(1), 39-43.

Cardoso, E.L. (2010). Promoting Technology-Base Entrepreneurship. Proceedings International Conference in Employability & Entrepreneurship - Future Skills for Biotechnology. Porto, 27<sup>th</sup> September, 2010.

Cruz, C., Cardoso, E., Vieira, R. (2010). O papel das tecnologias na promoção da Educação para o Desenvolvimento Sustentável: Dois casos de investigação. In. Gomes, Manuel, Cruz, Cláudia (Orgs.). Proceedings I Conferência CIDAADS – Conferência Sustentabilidade: Políticas, Investigação e Práticas.

Cruz, C., Cardoso, E., Vieira, R. (2010). Educação para o Desenvolvimento Sustentável – E.D.S. 2.0: Redes Sociais virtuais na mudança de práticas educativas no ensino básico. In F. Costa et al. (Orgs.). Proceedings 1º Encontro Internacional TIC e Educação. Universidade de Lisboa: Instituto de Educação, Novembro de 2010.

Pinto, A.L., Escudeiro, P., Cardoso, E.L. (2010). The use of Interactive White Boards as Collaborative Tools in Education. In Proceedings of ECDL 2010. APL, Reading, UK.

Ferreira, S. & Cardoso, E.L. (2009). A Avaliação do Ensino Mediatizado no Ensino Recorrente da Região Autónoma dos Açores. In Revista Innovación Educativa, 17, 295-318.

Oliveira A. & Cardoso, E.L. (2009). Estratégias e Práticas na Utilização do Moodle na Disciplina de História. In Revista Educação, Formação e Tecnologias, 2(1), 58-74.

Oliveira S. & Cardoso, E.L. (2009). Novas Perspectivas no Ensino da Língua Inglesa: Blogues e Podcasts. In Revista Educação, Formação e Tecnologias, 2(1), 87-101.

Cardoso, E.L., Pimenta, P. & Pereira, D.C. (2008). Adopção de Plataformas de e-Learning nas Instituições de Ensino Superior – modelo do processo. In "Tékhnē - Revista de Estudos Politécnicos", Instituto

Politécnico do Cávado e do Ave, 2008.

Cardoso, E.L., Pimenta, P. & Pereira, D.C. (2007). Tecnologias para uma Nova Aprendizagem nas Instituições de Ensino Superior. In Proceedings da Conferência “V Conferência Internacional de Tecnologias e Comunicação na Educação – Challenges 2007”, Universidade do Minho, 2007, Braga.

Cardoso, E.L., Pimenta, P. & Pereira, D.C (2007). Ambientes de Aprendizagem na Concepção e Desenvolvimento das Instituições de Ensino Superior. In Proceedings da Conferência “7ª Conferência da Associação Portuguesa de Sistemas de Informação – CAPSI 2006”, Universidade de Aveiro, 2007, Aveiro.

Carvalho, C.V., P. Pimenta & Cardoso, E.L., (2004). From F2F to Blended Learning: Theory and Practice in Higher Education Institutions. In Proceedings of the 21st ICDE World Conference on Open Learning and Distance Education, 2004, Hong Kong.

Bonneau, M., Cardoso, E.L., et al (2004). Best Practice in Open and Distance Learning. AntMac, 2004, Lyon.

Cardoso, E.L., Pimenta, P. & Pereira, D.C. (2003). Papel das Tecnologias de Informação e Comunicação no Desenvolvimento do Ensino Superior – Necessidades e Objectivos. In Proceedings do Encontro “5º Simpósio Internacional em Informática Educativa”, Universidade de Braga, 2003, Braga.

Cardoso, E.L., Pimenta, P. & Machado, A. B. (2003). Plataformas de e-Learning nas Instituições de Ensino Superior: iniciação da mudança. In Revista Innovación Educativa, 13, 305-318.

Cardoso, E.L. & Machado, A.B. (2001). Problemática da adopção de plataformas de e-learning nas instituições de ensino superior - A fase de iniciação. In Revista da Associação Portuguesa de Sistemas de Informação - APSI 2002, 15, 49-62.

Cardoso, E.L. & Machado, A.B. (2001). Problemática da adopção de plataformas de e-learning nas instituições de ensino superior - A fase de iniciação. In Actas da 2ª Conferência da Associação Portuguesa de Sistemas de Informação - APSI 2001, Évora.

Cardoso, E.L., Hogg, T. & Machado, A.B. (2000). Collaborative Learning through TWT - Teaching Web Toolkit, an Integrated Distributed Learning Environment. In Restivo, F., Ribeiro, L. (Eds.) (2000), Web-Based Learning Environments, 67-69. Feup Editions, 2000, Porto.

Kerzehro, J.P., Antunes, F., Gerval, J.P., Cardoso, E.L. & Tisseau, J. (1995). Prototyping An Integrated System For Predictive Maintenance. IFAC, Pergamon, Londres, Reino Unido, Julho 1995.