

CURRICULUM VITAE

Name: Ana Paula Ferreira Dias Barbosa Póvoa

Nationality: Portuguese

Institutional address: Engineering and Management Department

Instituto Superior Técnico

Av. Rovisco Pais, 1049-001 Lisboa, Portugal

Telephone: (+) 351 21 8417981

Email: apovoa@tecnico.ulisboa.pt

Academic Degrees

*“Aggregação”
(Habilitation)* In Industrial Engineering and Management – Operations and Logistics, Instituto Superior Técnico, Universidade Técnica de Lisboa, Lisboa, Portugal, unanimity.

Ph.D. Engineering, Imperial College of Science Technology and Medicine, University of London, London, U.K., 1994.

Academic Present Position

Full Professor in Operations and Logistics, Engineering and Management Department (DEG), Instituto Superior Técnico (IST), Universidade de Lisboa (UTL), Portugal, since 2009

Invited Full Professor, Instituto Superior de Economia – protocol with IST

Academic Previous Positions

Associate Professor Engineering and Management Department (DEG), Instituto Superior Técnico (IST), Universidade Técnica de Lisboa (UTL), Portugal. 2003-2009

Invited Professor Operations Management Chair, Management Department, Aachen University, 2016-17.

Assistant Professor Engineering and Management Department (DEG), Instituto Superior Técnico (IST), Universidade Técnica de Lisboa (UTL), Portugal. 1996 -2002

Main Academic Management Activities

- Member of the Instituto Superior Técnico (IST) Main Council, 2017 - to present
- Member of the Instituto Superior Técnico (IST) Scientific Council, 2009 – 2016
- Engineering and Management PhD director, 2015 to present

- Technology Change and Entrepreneurship PhD director, 2015 to 2016
- Industrial Engineering and Management BSc, director, 2010 – 2014
- Industrial Engineering and Management Master, director, 2010 – 2014
- Engineering and Management PhD director, 2009-2010
- Head of the Engineering and Management Department, 2007-2009
- Head of the Centre for Management Studies of IST, 2006-2009.

National and International Organizations Collaboration

It has been actively participating in National and International Scientific and Professional Organizations where below and for the last 5 years the main positions are mentioned:

- Head of the Industrial Engineering and Management Committee, Agency for Assessment and Accreditation of Higher Education - A3ES). 2010 – to present
- Associate Editor, Computers & Chemical Engineering (Elsevier), 2012 – to present
- Editorial Board, Frontiers in Process and energy system Engineering – section of Frontiers in Energy, 2013 – to present
- Editorial Board, BMC Chemical Engineering, 2018 – to present
- Member of the “Advisory Board”, Harvard Deusto Business Research journal, EAE Business School, UPC, 2016 – to present
- Head of the National Assembly Board of Portuguese Association of Operational Research (APDIO). 2010 -2011. 2016 – to present.
- Vice-president of the Portuguese Association of Operational Research (APDIO). 2005-2009 ; 2012 – 2015.
- Member of the Board of the European Working Group In Sustainable Supply Chains. 2013 – to present
- Member of the International Working Party on “Computer Aided Process Engineering” da European Federation of the Chemical Engineers. 1999 – to present
- Member of the International Group of Closed-Loop Supply Chains. 2006 – to present.

It has also actively participated in the evaluation of research scholarships and projects at the following organizations:

- European Community – H2020 program, Brussels
- Agência Nacional Inovação (Portuguese Innovation Agency), ANI, Portugal
- Fundação para a Ciência e Tecnologia (Portuguese Science and Technology Foundation), FCT, Portugal
- Netherlands Organization for Scientific Research, Now, Netherlands

- Suisse National Science Foundation, SNSF, Switzerland
- Alberta Heritage Foundation for Science and Engineering Research, Canada
- ETH Zurich Research Commission for scientific evaluation, Switzerland
- Engineering and Physical Sciences Research Council, EPSRC, UK
- FONDECY, Chile
- South Africa's National Research Foundation (NRF)
- F.R.S-FNRS, Belgium
- National Council for Scientific and Technological Development (CNPq), Brasil

Research Interests and Group

I am the coordinator of the Operations and Logistics Group at the Centre at the Centre of Management Studies of IST (CEG-IST). My research focus is on the development of a sound understand of industrial processes and supply chains, supported by operations research models and techniques. In particular problems related to the

- Design and Planning of Flexible Systems: process and manufacturing industry
- Sustainable Supply Chains
- Reverse Logistics

have been explored.

The work involved over the last 5 years, 6 Pos-docs, around 30 PhD students and 100 Master thesis, whose research has been focus on developing consistent theoretical concepts with a close interaction to the solution of real cases. Several projects have granted by National and International Organizations as well as Companies.

A strict collaboration has been developed with national and international universities as well as companies.

Publications

Has published more than 200 papers that can be found in:

Research ID: <http://www.researcherid.com/rid/A-8578-2012>

ORCID: <http://orcid.org/0000-0001-6594-9653>