



Sebastião Feyo de Azevedo - profile

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E-mail: sfeyo@reit.up.pt URL: <http://www.fe.up.pt/~sfeyo/>



I - Identification

Sebastião José Cabral Feyo de Azevedo - Born in Porto, Portugal, on June 1st, 1951. Married. He has two daughters and three grand-daughters.

Academic Degrees - Licence (Second Cycle degree) in Chemical Engineering, University of Porto, Portugal (1973); Ph.D. in Chemical Engineering, University of Wales (Swansea), UK, 1982; 'Habilitation' in Chemical Engineering, University of Porto, Portugal (1996).

Professional position - Professor of Chemical Engineering since February 1998, Department of Chemical Engineering, Faculty of Engineering of the University of Porto; Researcher of the Research Unit LEPAE – Laboratory for Process, Environment, Biochemical and Energy Engineering.

Areas of interest and professional activity - Management of Higher Education; Bologna Process and Engineering Education with emphasis on Chemical Engineering Education; Process Systems Engineering; Instrumentation and control.

Main membership of professional and academic organisations

- Fellow of the Portuguese Ordem dos Engenheiros (Engineers Portugal)
- Member of the Portuguese Academy of Engineering (by invitation)
- Founder member of the Portuguese Association for Automatic Control (APCA)
- Founder member of the Portuguese Association of Engineering for Development and Humanitarian Assistance
- Certified member “ING-PAED IGIP – International Engineering Educator” of IGIP – Internationale Gesellschaft für Ingenieurpädagogik (2011 -)

II – Current main institutional functions and activities

- Rector of UP - University of Porto (June 2014 -)
- President, in representation of UP, of the General Council of the interface institute in electrical engineering (INESC-Porto) and of the General Assembly of the interface institute in mechanical engineering and management (INEGI) (2014 -)
- Member of the General Assembly of the Porto Business School (2014 -)

III - Main institutional functions and activities of the recent past

In academic and scientific management at the University of Porto

- Dean of the Faculty of Engineering, University of Porto (July 2010 – June 2014)
 - Member, in representation of FEUP, of the General Council of the interface institute in electrical engineering (INESC-Porto) and of the General Assembly of the interface institute in mechanical engineering and management (INEGI) (2010 - 2014)
 - Member, in representation of FEUP, of the General Council of the Porto Business School (2010 - 2014)
 - Head of Department, Chemical Engineering, FEUP (June 2001 – March 2010)
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- Director of First and Second-cycle Studies in Chemical Engineering at FEUP (2001 - 2006)
- Director of Studies of the PhD programme in Chemical, Petrochemical and Refining Engineering (2011 - 2014), in cooperation with AIPQR - Association of Chemical, Petrochemical and Refining Industries
- Member, in representation of UP, of the Council “Industry and University” of AIPQR (2009 - 2014)
- Member of the General Council of the University of Porto (2009 – 2010)
- Member of the Executive Board of FEUP (1997 - 2001)
- Director of the Research Unit ‘Institute for Systems and Robotics - Porto’ (1997 - 2007)
- Chairman of the National Board of the Institute for Systems and Robotics (1997 - 2003)
- Director of Postgraduate Studies, M.Sc. in Automation, Instrumentation and Control, FEUP (2001-2003)
- Responsible for International relations of the Department of Chemical Engineering, FEUP (1989-2001)

With the Portuguese Administration, at national and international level

- Member, by invitation, of the National Council for Science and Technology (2012 - 2014)
- National Delegate in the BFUG-Bologna Follow-up Group by appointment of the Minister of Science, Technology and Higher Education (November 2004–May 2005; December 2006–July 2010)
- Chairman of the BFUG during the Portuguese Presidency of the EU (July-December 2007)
- Member and Co-ordinator of the National Bologna Experts Group (April 2007 - July 2008)
- Co-ordinator of the National Follow-up Group for the Bologna Process, by appointment of the Minister of Science, Technology and Higher Education (April 2006 - 2009)
- Special Adviser to the Minister of Science, Innovation and Higher Education for the Bologna Process and National Coordinator of the Bologna Process (November 2003 – February 2005)
- Chairman of the Working Group of the Chemical Sector for EC Directive on Integrated Pollution Prevention and Control, by appointment of the Minister of Environment (June 2002 – April 2003)

With the professional association, at national and international level

- National Vice-President and Chairman of the National Admissions and Qualification Board of Ordem dos Engenheiros/Engineers Portugal (April 2004 – March 2010)
- Vice-president of the Administrative Council of ENAEE - European Network for Accreditation of Engineering Education (2009-2012)
- Representative of Engineers Portugal in the General Assembly of ENAEE-European Network for Accreditation of Engineering Education since its foundation in 2006 till March 2010
- Chairman of the National Committee FEANI- Fédération Européenne d'Associations Nationales d'Ingénieurs and representative in FEANI’s General Assembly (2004 – March 2010)
- Member of the National Admissions and Qualification Board of Engineers Portugal (1993-1998; 2001-2004)

In international associations for education and science

- Member of the Board of Directors of CESAER - Conference of European Schools for Advanced Engineering Education and Research (2011 - 2014)
- Chairman for September 2007 – August 2010 of the Working Party on Education of the European Federation of Chemical Engineering (WPE-EFCE) (and Portuguese delegate to this Working Party, 1999- 2012)
- Founder and member of the Administrative Council of ECEENA – European Chemical Engineering Education Network Association, International non-profit Association under Belgium Law, (2009-2011)
- Member of the European Union Control Association's (EUCA) Administrative Council (1999-2003, Treasurer from 2001 to 2003)
- Member of the Board of the Section of Biochemical Engineering Science of EFB (1995 - 1999)
- Portuguese delegate of the Portuguese Society of Biotechnology to the WP on Measurement and Control of the European Federation of Biotechnology (1989 -1999) and Vice-president of this WP from 1995.

IV – Main quality indices – national and international awards

National awards

- On the 18th July 2016 received the Gold Medal and the status of Honorary Citizen of the City of Paredes, due to his links and cooperation with the City.
- On the 14th January 2016, distinguished with the ‘Professional of the Year Award’, by the Rotary Club Porto West.

International award concerning his academic and professional contributions

- He is the recipient of the *Dieter Behrens Award, 2013*, highest distinction of the European Federation of Chemical Engineering, awarded every four years to an European personality in recognition of a significant contribution on behalf of the Federation in raising the profile of chemical engineering in Europe or in relation to the organization, management or development of EFCE's activity base (hyperlink to [Official Announcement](#) and [Award Ceremony](#) here or in the enclosed QR Codes)



International prizes in R&D and concerning R&D&I with the industry

- *Procter and Gamble best poster prize for innovation and presentation* awarded to his Ph.D. Student Nuno Faria (out of 356 candidates): in the World Congress on Particle Technology, paper 33, p. 33.1-33.8, Brighton, UK, 6-9 July, 1998
- *George and Eleanore Meade Award*, best written and oral contribution, presented by S. Feyo de Azevedo to the Annual Technical Meeting of SIT-Sugar Industry Technologists Inc. - S. Feyo de Azevedo, J. Chorão, M. J. Gonçalves, L. Bento, *On-line Monitoring of White Sugar Crystallisation through Software Sensors*, in Proc of the 52nd Annual Meeting of the Sugar Industry Technologists Inc., p.p. 217-251, Toronto, Canada, June 13-16, 1993

V – Main productivity indices

- Participant in 9 national projects, of which 6 as Coordinator and/or Scientific Director
- Portuguese coordinator of 14 international projects
- Executive Director of 1 NATO ‘Science for Stability’ project
- Responsible for running 20+ years-equivalent of R&D contracts with the Industry
- Supervisor or co-supervisor of 12 Ph.D. and 3 M.Sc. theses concluded
- Co-author of 60+ refereed publications in SCI Journals, cited in SCOPUS
- Co-author of 10 book chapters
- Co-Editor of 1 book (Conference Proceedings)
- Author or co-author of 75+ refereed scientific conference papers
- Author or co-author of 16 pedagogical documents related to his teaching activities
- Author of 100+ opinion and dissemination papers and general publications, in journals, workshops, conference proceedings and national newspapers, addressing both academic and professional matters, and issues of general public interest, with emphasis in the higher education reforms associated to the Bologna Process
- Author of 150+ invited conferences, seminars and/or advanced courses, both in scientific, education and professional matters, with emphasis in the higher education reforms associated to the Bologna Process

VI – Other activities, as organizer of international events and as evaluator

As organizer of international science and education events

- Organizer of the First Annual Conference of the European Network for Accreditation of Engineering Education, Universidade do Porto, Faculdade de Engenharia, Porto, Portugal, 12th-13th November 2012
- Organizer of the Annual *Board of Directors Meeting* of CESAER - Conference of European Schools for Advanced Engineering Education and Research, Porto (FEUP), Portugal, 30-31 May, 2012
- Organizer of the Annual Meeting of the EFCE Board with Working Party and Sections Chairpersons, 16 April 2010
- Organizer of the Business Meeting of the WP on Education, European Federation of Chemical Engineering, Porto, Portugal, 11-12 September, 2009
- Responsible for the organization of the Symposium ‘Chemical Engineering & Society: Promoting academic and Professional mobility – international recognition of chemical engineering qualifications’, in WCCE8 – 8th World Congress of Chemical Engineering, 27 August 2009, Montreal, Canada
- Chairman of the Official Bologna Seminar on ‘Development of a Common Understanding of Learning Outcomes and ECTS’, Porto, Portugal, 19-20 June 2008
- Chairman of the BFUG - Bologna Follow-up Group Meeting, Lisbon, Portugal, 2-3 October 2007, in the context of the Portuguese presidency of the European Union

- Executive Director of the Organizing Committee of ECC-European Control Conference 2001, Porto, Portugal, 3-7 September 2001
- Organizer of Summer School on BATCHPRO – Control of batch processes, Porto, Portugal, 31 August – 2 September 2001
- Organizer of the Meeting of the European Network – EuroChem, Porto, Portugal, 23-24-March, 2001
- Organizer of the Business Meeting of the WP on Education, European Federation of Chemical Engineering, Porto, Portugal, 17-18 February, 2001
- Chairman of the Organizing Committee of ESBE2 - Second European Symposium on Biochemical Engineering Science, Porto, Portugal, 16-19 September, 1998

As evaluator of education, science and innovation

- Member of the Editorial Board of the International Journal of Quality Assurance in Engineering and Technology Education (2011 - 2014)
- Member of the Editorial Board of the 'Journal of the University of Chemical Technology and Metallurgy', Sofia, Bulgaria (2010 - 2011)
- Evaluator for university promotions for The University of Newcastle (2012) and for University College Dublin (2013)
- External examiner of the undergraduate Chemical Engineering Programme of University College Dublin (2009 – 2011)
- National co-ordinator of the Evaluation Board for research grants in the area of chemical engineering of the National Foundation for Science and Technology (2006 - 2009)
- Member of the International Evaluation Panel of research at the University of Lund, Sweden (2008)
- Member of the Evaluation Panel of the Operational Plan for the Portuguese Economy, by appointment of the Minister of Economy - (March 2001 - April 2002)
- Evaluator for the Portuguese Innovation Agency (2002)
- Reviewer or Evaluator for CESAME - Center for Systems Engineering and Applied Mechanics, University of Louvain (2002) and for the Australian Research Council (2000)
- Referee for scientific international journals, namely Education for Chemical Engineers, Industrial Engineering Chemistry Research, Chemical Engineering Research and Development, Chemical Engineering Science, Computers and Chemical Engineering, International Journal of Heat and Mass Transfer, J. Process Control, Sensors & Actuators, Robust and Nonlinear Control.
- Evaluator and/or member of International Scientific and Programme Committees of several dozens of international conferences
- Chair or member of 120+ PhD or 'Habilitation' examination panels and/or academic professional selection panels