

Professor Antonio Huerta

CURRENT POSITION

Full professor of Applied Mathematics, Universitat Politècnica de Catalunya (UPC)
Director of ICREA Catalan Institution for Research and Advanced Studies www.icrea.cat (since Sep. 2015)

EDUCATION

Civil Engineering, Escola Tècnica Superior d'Enginyers de Camins, Canals i Ports de Barcelona (1983)
Ph.D. Northwestern University (USA) (1987)

CAREER

Founding Academic Director of the Industrial Ph.D. Program for the Government of Catalonia (2012-2016)
Visiting Professor, Civil & Computational Engineering Centre, Swansea University, (Dec. 2012-Nov. 2015)
Dean of the School of Civil Engineering, Universitat Politècnica de Catalunya (May 2007 - October 2012)
Chairman, Department of Applied Mathematics III, UPC (May 1998 - January 2004)
Full professor of Applied Mathematics, Universitat Politècnica de Catalunya, since 1993
Visiting Professor, École Centrale de Nantes, 2002, 2004-07, 2012, 2014-2017
Visiting Scientist, Ispra, European Communities Commission, 1990
Assistant (1987-89) and Associate (1989-93) Professor, Universitat Politècnica de Catalunya
CIRIT Fellow (1983-84), Research Assistant (1984-86) & Research Fellow (1986-87), Northwestern University (USA)

HONORS AND AWARDS

Doctorate Honoris Causa from Université de Liège (2016) and École Centrale de Nantes (2017)
Prandtl Medal, European Community on Computational Methods in Applied Sciences, 2008
Visiting Professor, Institut Universitaire de France, 2003
Elected Fellow of the International Association of Computational Mechanics, 2002
Thomas A. Jaeger Prize, Int. Association for Structural Mechanics in Reactor Technology, 1989
Royal E. Cabell Fellowship, Northwestern University, USA, 1986

SIGNIFICANT PROFESSIONAL SERVICE

Editor

International Journal for Numerical Methods in Engineering, John Wiley & Sons, since 2015

Associate Editor

Advanced Modeling and Simulation in Engineering Sciences, SpringerOpen Journal, since 2013
Revista Internacional de Métodos Numéricos en Ingeniería, Universitat Politècnica de Catalunya, since 2011
European Journal of Computational Mechanics, Taylor & Francis, 2006-2014

Editorial boards

International Journal for Numerical Methods in Fluids, John Wiley & Sons, since 2005
Archives of Computational Methods in Engineering, Springer, since 2004
Computer Methods in Applied Mechanics and Engineering, Elsevier, since 2001
International Journal for Numerical Methods in Engineering, John Wiley & Sons, since 2001
International Journal for Numerical and Analytical Methods in Geomechanics, John Wiley & S., since 2001
Mechanics of Cohesive-frictional Materials, John Wiley & Sons, 1995 - 2000
Revista de Obras Públicas, Colegio de Ingenieros de Caminos, Canales y Puertos, 1997 - 2013
Revista Internacional de Métodos Numéricos en Ingeniería, Universitat Politècnica de Catalunya, 1993 - 2011

Committees and Professional Services

Secretary General, International Association of Computational Mechanics, since July 2010
General Council, International Association of Computational Mechanics, since 2006
Scientific Council, Centre de Recerca Matemàtica (CRM) (2002-2010)
Executive Council, Centro Internacional de Métodos Numéricos en Ingeniería (CIMNE) 2000-2015
Executive Committee, Sociedad Española de Métodos Numéricos en Ingeniería (SEMNI) since 1993
Reviewer for the Spanish agency of evaluation (ANEP), Catalan agency for funds for research (AGAUR), Spanish ministry (MEC, MCI), Spanish agency for quality (ANECA, president of the committee for doctoral programs-2005). International agencies: Centre National de la Recherche Scientifique (CNRS), Quality Assurance Netherlands Universities (QANU), the Dutch Technology Foundation STW, Portuguese National Science Foundation (FCT), German Research Foundation (DFG), Austrian Science Fund (FWF), European Research Council (ERC).

University services

Board of Governors, UPC (1997-1998, 1998-2002, 2007-2012) and University Senate (2005-2007)
Boards of Trustees, Universitat Politècnica de Catalunya (February 2001 - April 2002)
Vice-Chair of the Council of Heads of Department (January 2001 - April 2002)

PUBLICATIONS

See www.lacan.upc.es/huerta for details see www.researcherid.com/rid/B-7563-2008 or orcid.org/0000-0003-4198-3798 for indexed papers.