

Francisco Javier Azcondo Sánchez  
Catedrático / Professor  
ETS de Ingenieros Industriales y de Telecomunicación  
Dept. Electronic Technology, System and Automation Engineering. University of Cantabria  
Av. de los Castros s/n. 39005 Santander, SPAIN  
Phone: +34942201546 Fax: +34942201873

e-mail: [javier.azcondo@unican.es](mailto:javier.azcondo@unican.es) URL: <http://personales.unican.es/azcondof/> -  
<https://cvn.fecyt.es/editor/cvnOnline/0000-0002-3200-5821>

Ingeniero Industrial (Electrónica y Automática) / Electrical Engineer, Universidad Politécnica de Madrid. 1989  
Ph. D. University of Cantabria. 1993

## CV SUMMARY

Item	Total
Papers in International journals	58
Book co-author	2
Book editor	1
IEEE Journals Associate Editor	2
Papers in International conferences	128
Papers in Spanish conferences	76
Projects with public funds	27
NSF Project (USA)	1
Projects with private funds	26
Patents	5
Advised degree projects & Master Thesis	75
Advised Theses	6

### Actividad profesional / Professional positions

Jan 1990 - Dec. 1990: Beca FPI / National scholarship holder. Ph.D. Student. (University of Cantabria)  
Jan. 1991 – Sept. 1992: R&D Engineer (Time Frequency and Electronics Ltd). Ph.D. Student. (U. of Cantabria)  
Oct 1992 – Jan. 1995: Lecturer, full time - under contract. (University of Cantabria)  
Jan. 1995 – May 2012: Associate Professor, tenure (University of Cantabria)  
May. 2012 – continue: Professor, tenure (University of Cantabria)  
Jan. 1999 – Jan 2015: Associate Dean. ETS de Ingenieros Industriales y de Telecomunicación (U. of Cantabria)  
Feb. 2004 – Aug. 2004 and Feb. 2010 – Aug. 2010: Visiting Researcher. ECE Special Member. ECE Dept. University of Colorado (Boulder). USA  
July 2007 – Aug. 2007: Visiting Researcher. ECE Dept. University of Toronto. Canada.  
July 2013 – Sept. 2013: Visiting Researcher. ECE Dept. Utah State University. USA.  
IEEE Member since 1990, Senior Member 2000  
Sept. 2008 - July 2011: Chair of the IEEE Power Electronics – Industrial Electronics Societies Spanish Joint Chapter  
Sept 2008 – Sept 2014: Coordinator of the Diploma in Advanced Applied Technologies for Industry. U. of Cantabria  
Nov. 2008 – Jan. 2015  
Coordinator of the Doctorate program in Industrial Engineering. (Ph. D.) University of Cantabria  
Coordinator of the Master in Industrial Engineering (M. Eng). University of Cantabria  
Coordinator of the Master of Science in Industrial Engineering (M.Sc.). University of Cantabria  
Coordinator of the Graduate in Industrial Technologies (B. Eng.). University of Cantabria  
June 2014: Chair of the Fifteenth IEEE Workshop on Control and Modeling for Power Electronics COMPEL. Santander Spain  
Jan 2015 – Jan 2023: Dean of the School of Industrial and Telecommunication Engineering



Francisco J. Azcondo (S'90, M'92, SM'00). He received the M.Sc. Degree from the Polytechnic University of Madrid, Spain and Ph.D. from the University of Cantabria, Spain, both in electrical engineering, in 1989 and 1993 respectively.

R & D Engineer in Time Frequency and Electronics S.A., Burgos, Spain from 1990 to 1993 and Assistant Prof. Prof. Interim from 1993 to 1995 at University of Cantabria (UC) in Santander, Spain. Associate Professor at UC in 1995 and Full Professor at UC in 2012 in the area of Electronic Technology. Deputy Dean at the College of Industrial and Telecommunications Engineers (ETS II T) for the Industrial Engineering Programs since January 1999. From 2009 to 2014 Coordinator of the MSc Degree in Industrial Engineering and Doctorate Program in Industrial Engineering at UC. Since Jan 2015 Dean of the ETS II T at UC.

Visiting researcher in:

1) ECEE Dept. University of Colorado (CoPEC) CO. USA February - August 2004 and February - August 2010. With support from the National Mobility Aid Program for Spanish universities professors and researchers.

2) ECE Dept. University of Toronto, ON, Canada from July to August 2007

3) Power Electronics Lab (UPEL), ECE Dept. Utah State University UT USA June – Sept. 2013

Since 2004 Special Member (named as Graduate Faculty) at the ECEE Dept. University of Colorado Boulder, renewed until spring of 2017.

He is an active member of the Institute of Electrical and Electronics Engineers (IEEE) and the PCIM Conference, where he usually serves as paper reviewer and conference session chairman and technical advisor in committees.

2001 and 2003 Secretary of the Spanish chapters of the IEEE Industry Applications and Power Electronics

Oct. 2002 to Sept. 2005 Secretary of the Spanish IES – PELS Joint Chapter

Sept. 2008 - June 2011 President of the IEEE IES - PELS Spanish Joint Chapter.

Co-author of 58 publications in indexed journals, 128 publications in proceedings of international conferences with ISBN, most of them IEEE's in the areas of industrial electronics, power electronics, industry applications and circuit and systems. 76 publications in proceedings of national conferences with ISBN in the areas of power electronics and educational activities, and 5 patents (4 Spanish and one European).

He is the supervisor and co-supervisor of six Ph.D. Thesis in the field of power electronics. March 2012, Co-editor of the Special Section Modern ballast technology and lighting applications IEEE Trans. on Industrial Electronics. Author of the chapter "Power Supplies" in Handbook on Industrial Electronics 2nd Ed. (Taylor and Francis Group, LLC, 2011).

2005 General Chair of the Spanish Annual Seminar in Industrial Electronics, Instrumentation and Automation (SAAEI)

Member of the PCIM advisory board committee.

2014 General Chair of the IEEE COMPEL

Since 2010 participates in the IEEE PELS TC1

2014 – 2017 Publication liaison for the IEEE PELS TC1

2018 Keynote Speaker IEEE PELS Colombian Chapter Meeting in Bogota

Jan 2019 Dec 2020 Vicepresident of the IEEE PELS TC1 (Power and Control Core Technologies)

Prof. Azcondo has received two best session paper awards in 2001 and 2002 IECON conferences is co-author of a paper that received the third prize paper award of the 2007 IEEE Industry Applications Society Meeting, Production and Application of Light Committee. He is among the Associate Editors of the Trans. on Industrial Electronics recognized for his work in increasing the publication impact factor. He also received a High Quality Paper award at PCIM Europe 2007.

Associate Editor IEEE PELS

The research topics of interest are modeling and control of power electronic converters. Resonant converters. Capabilities of digital control in power electronic converters. Current sensorless control of power converters connected to the grid. Applications of power converters in outdoor lighting, and control of electric arcs.