

MAGDALENA SALAZAR PALMA
Candidate for IEEE Region 8 Director-Elect



BIOGRAPHY

She received EE, MS and PhD degrees from Polytechnic University, Madrid, Spain, where she has been Assistant and Associate Professor. In 2004 she joined the Department of Signal Theory and Communications, *Universidad Carlos III*, Madrid, where she is Full Professor, co-director of the Radiofrequency Group, and has served as Department head. Her research deals with numerical methods for microwave components and antennas, and advanced methods for the synthesis of passive devices. Co-author of 610 publications, including 7 books, 25 book contributions, 85 journal papers, and 313 international conferences papers. Co-author of 2 European/USA patents. She has delivered numerous invited presentations, seminars, and short courses. She has participated in 88 projects and contracts financed by USA, European, and national institutions and companies. She served in evaluation panels of USA, EU, and Spanish institutions, and as board member, associate editor and reviewer of several journals. She received several awards and recognitions.

IEEE ACTIVITIES

COMMITTEES/BOARDS:

- Member:
 - Women in Engineering Committee (WIEC): 2000-2007.
 - WIEC - Regional Activities Board (Liaison): 2001-2003.
 - Ethics and Member Conduct Committee: 2002.
 - History Committee: 2007-2008.
 - MGAB (Member and Geographic Activities Board) Geographic Unit Operations Support Committee: 2008-2009.
 - Technical Activities Board (TAB), as Antennas and Propagation Society (AP-S) President: 2011.
 - Service Awards Committee: October 1, 2012-September 30, 2013.
 - Division IV Nominations and Appointment Committee: 2013.
 - TAB Society Review Committee: 2013-2015.
- Chair:
 - WIEC: 2003-2004.
 - Sections Congress 2014 Committee: 2012-2014.

REGIONS:

- Member:
 - Region 8 Committee, as Spain Section Chair: 1997-2001.
 - Region 8 Nominations and Appointment Subcommittee: 2001-2002.
- Chair:
 - Region 8 Conference Coordination Subcommittee: 2003-2004.

SECTIONS/CHAPTERS:

- Vice Chair, Spain Section Antennas and Propagation Society / Microwave Theory and Techniques Society (AP-S/MTT-S) Joint Chapter: 1989-1991.
- Chair, Spain Section AP-S/MTT-S Joint Chapter: 1992-1996.
- Chair, Spain Section: 1997-2001.
- Officer, Spain Section Membership Development: 2002-2008.
- Officer, Spain Section Professional Development: 2009-2011.
- Founder member, Spain Section WIE Affinity Group (first WIE Affinity Group worldwide): 1999.

SOCIETIES:

- Member, Antennas and Propagation Society (AP-S), Communications Society, Education Society, Magnetics Society, Microwave Theory and Techniques Society (MTT-S), and Women in Engineering Affinity Group.
- Member, Reviewer Panel, numerous journals and letters: since 1993.
- Associate Editor, several journals: since 2002.
- Elected member, AP-S Administrative Committee: 2004-2006, 2010-2015.
- Member, MTT-S Technical Committee # 15 (Field Theory): since 2006.
- Member, AP-S Transnational Committee: since 2007.
- Member, AP-S Distinguished Lecturer Program Committee: since 2010
- President-Elect, AP-S: 2010.
- President, AP-S: 2011.
- Member, AP-S Past Presidents Council: since 2010.
- Chair, AP-S Past Presidents Council: 2012.
- Chair, AP-S Nomination Committee: 2012.
- Member, AP-S Nomination Committee: 2012-2015.
- Chair, AP-S History Committee: since 2013.
- Member, MTT-S Education Committee: since 2013.

STUDENT BRANCHES:

- Spain Section representative (Section Chair), Spain Section Student Branches National Congress, Málaga, Spain: March 2001.
- Invited speaker, Region 9 Student Branches Symposium, Bogotá, Colombia: October 2002.
- Invited speaker, Ecuador Section Student Branches National Meeting, Guayaquil, Ecuador: July 2006.
- Invited speaker, Region 8 Student Branch - Graduates of the Last Decade Symposium, Paris, France: October 2006.

CONFERENCES:

- Author and Attendee, numerous IEEE and IEEE-sponsored Conferences/Workshops/Short Courses: since 1988.
- Member, Technical Program Committee or Technical Program Review Committee, numerous IEEE and IEEE-sponsored Conferences: since 1990.
- Session Chair, numerous IEEE and IEEE-sponsored Conferences, since 1990.
- Session Organizer, many IEEE and IEEE-sponsored Conferences, since 1992.
- Secretary, Technical Program Committee, 1993 European Microwave Conference (EuMC): September 1993, Madrid, Spain.
- Member, Steering Committee, IEEE Finite Element Workshop (FEM): since 1998.
- Member, Organizing Committee, IEEE International Carnahan Conference on Security Technology: 1999, Madrid, Spain.
- Chair, Region 8 Conference Coordination Subcommittee: 2003-2004 (see REGIONS above).
- Chair, IEEE 2004 FEM, May 2004, Madrid, Spain.
- Member, Organizing Committee, Region 8 Mediterranean Electrotechnical Conference (MELECON), 2004, Málaga, Spain.
- General Chair, European Microwave Week (EuMW): September 2018, Madrid, Spain.

OTHER:

- Attendee, Sections Congress: 1999, 2002, 2005, 2008, 2011.
- Host, IEEE Board of Directors meeting: May 1997, Madrid, Spain.
- Host and Organizer, IEEE Region 8 Committee meeting: March 2001, Sevilla, Spain.

QUALIFICATIONS

- Excellent background as engineer, researcher and professor.
- Management skills acquired as project principal investigator, research group, department, and IEEE leader.
- Passionate about Engineering, IEEE, volunteerism and networking.
- Broad background in IEEE positions at section, region, and global levels, both from technical and member and geographic activities points of view.
- Working knowledge of IEEE.
- Leadership skills, ability to motivate, compromise, resolve differences, and maintain positive relationships.
- Used since childhood to cultural, geographical, ethnical, technical, and lingual diversity.
- Used to understand different cultures with international perspective.
- Ability to listen, analyze, think clearly and creatively, work with people individually and in group.
- Capable to focus on strategic issues and make effectiveness a priority.

MAJOR ACCOMPLISHMENTS

- Revitalized Spain AP-S/MTT-S chapter organizing numerous activities.
- Developed Spain Section with formation of new Chapters, first WIE Affinity Group worldwide, GOLD Affinity Group, and new Student Branches. Strengthened links between Section entities, in particular with Student Branches. Worked for recognition of Section members, stimulated numerous Spanish members to volunteer. Improved Spain Section visibility bringing it closer to Region 8 and global IEEE.
- Successfully worked to increase WIE membership, affinity groups and fora worldwide.
- As AP-S President-Elect, President and Past President, undertook actions to better understand member needs, attending to national and regional differences (in particular, Eastern European countries, Asia, and Region 9), in order to serve them accordingly. Worked to harmonize AP-S with closely related Societies.

POSITION STATEMENT

I pledge to work to foster technological innovation and excellence for the benefit of humanity through one universal IEEE. Together we can improve IEEE globally and locally serving each and every member. If elected, I will devote the best of my ability to:

- Strongly support initiatives and activities of Chapters, Student Branches, and Affinity Groups.
- Establish wider and closer cooperation with national associations, institutions and organizations as well as regional ones throughout Europe, Africa and Middle East.
- New initiatives for building closer cooperation and relations with industry.
- Promote the global nature of IEEE within the Region and the Institute.
- Achieve smooth and effective operations in different countries, recognizing cultural differences, income level, and so on.