

101st Region 8 Committee Meeting

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A Presentation as Region 8 Director-Elect Candidate

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AGENDA

- **Who Am I?**
 - Short biography
 - IEEE Activities
- **What Are My Qualifications?**
- **What Are My Accomplishments?**
- **What Is My Vision for IEEE and R8 for the Years I Will Be R8 Director-Elect/Director and BoD member?**



Short Bio (excluding IEEE activities)

-EE, MS & PhD degrees, Polytechnic Univ., Madrid, Spain

-**Full Professor**, Dept. Signal Theory & Communications, **Charles The Third Univ., Madrid**, RF-EM-Microwaves-and-Antennas Research Group leader, served as Dept. head.

-Research deals with: numerical methods microwave components & antennas, advanced method for synthesis of passive devices.

-Co-author of **614 publications including 7 books, 25 book contributions, 88 journal papers, 313 international conf. papers, 2 EU/USA patents.**

-Delivered numerous invited presentations, short courses.

-Participated in **88 projects & contracts** financed by USA, European, & national institutions & companies.

-Founder member of **small EM software company.**

-Served in evaluation panels of USA, EU, & Spanish institutions, and as board member, associate editor and reviewer of several journals.

-Received several awards and recognitions.

Selected IEEE Activities

■ Major Committees/Boards

– Member

- WIEC: 2000-2007.
- WIEC – RAB (Liaison): 2001-2003.
- Ethics and Member Conduct Committee: 2002.
- History Committee: 2007-2008.
- MGAB GUOS (Geographic Unit Operations Support) Committee: 2008-2009.
- TAB, as Antennas and Propagation Society (AP-S) President: 2011.
- Service Awards Committee: 2012-2015.
- Division IV N & A Committee: 2013.
- TAB Society Review Committee: 2013-2015.

– Chair

- **WIEC: 2003-2004.**
- **Sections Congress 2014 Committee: 2012-2014.**

– Other

- Attended Sections Congress: 1999, 2002, 2005, 2008, 2011.

Selected IEEE Activities (cont.)

■ Region 8

- **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.**
- **Other**
 - **Host and Organizer, IEEE Region 8 Committee meeting: March 2001, Sevilla, Spain.**

Selected IEEE Activities (cont.)

■ Section/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.**
- Host, IEEE Board of Directors meeting: May 1997, Madrid, Spain.
- **Founder member, Spain Section WIE Affinity Group (first WIE Affinity Group worldwide): 1999.**
- Officer, Spain Section Membership Development: 2002-2008.
- Officer, Spain Section Professional Development: 2009-2011.

Selected IEEE Activities (cont.)

■ Societies/Affinity Groups

- Member, AP, Com, Education, MAG, MTT, and WIE.
- Reviewer (since 1993), Associate Editor, several journals (since 2002).
- **Elected member, AP AdCom: 2004-2006, 2010-2015.**
- Member, MTT Technical Committee on Field Theory: since 2006.
- Member, AP Transnational Committee: since 2007.
- Member, AP Distinguished Lecturer Program Committee: since 2010
- **President-Elect, AP: 2010.**
- **President, AP: 2011.**
- Member, AP Past Presidents Council: since 2010.
- **Chair, AP Past Presidents Council, Nominations: 2012.**
- Member, AP Nominations Committee: 2012-2015.
- **Chair, AP History Committee: since 2013.**
- Member, MTT Education Committee: since 2013.

Selected IEEE Activities (cont.)

■ 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 – GOLD Symposium, Paris, France: October 2006.**

Selected IEEE Activities (cont.)

■ Conferences

- Author and Attendee, numerous IEEE and IEEE-sponsored Conferences/Workshops/Short Courses: since 1988.
- Member, TPC or TPRC, Session Chair and/or Organizer, numerous IEEE and IEEE-sponsored Conferences: since 1990.
- Secretary, TPC, 1993 European Microwave Conference (EuMC): September 1993, Madrid, Spain.
- Member, Steering Committee, IEEE FEM: since 1998.
- Member, Organizing Committee, IEEE International Carnahan Conference on Security Technology: 1999, Madrid, Spain.
- Chair, IEEE 2004 FEM, May 2004, Madrid, Spain.
- **Chair, Region 8 Conference Coordination Subcommittee: 2003-2004** (as mentioned before).
- **Member, Organizing Committee, Region 8 MELECON, 2004, Málaga, Spain.**
- General Chair, European Microwave Week (EuMW): September 2018, Madrid, Spain.

Qualifications

- Strong background as engineer, researcher and professor.
- Management skills acquired as project PI, and 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.**
- Able 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:
 - 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 the global IEEE.**
- As WIEC Chair and WIEC member, 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, & Region 9), to serve them accordingly.
 - Worked to harmonize AP-S with closely related Societies.

My Vision for IEEE and Region 8

- I see IEEE as an **enabler to facilitate the success of its members, be their professional home both technical and local, and make positive contributions to their lives and careers.**
- I see R8 as an **effectively organized, dynamic and influential entity, recognized as a leading and esteemed part of a truly transnational IEEE, with IEEE benefits equally available to all members.**
- **R8 should serve the needs of its members, the profession and society at large, by enhancing and supporting its Organizational Units and their activities.**
- Recognizing R8 **geographical extension, and its cultural, ethnical, technical, and lingual diversity,** I would like to focus on two of IEEE challenges:
 - **Providing value to our members,**
 - **Improving our Structure and Operations.**

My Vision for IEEE and Region 8 (cont.)

- 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 Sections, 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.
 - Encourage new initiatives for building **closer cooperation and relations with industry.**
 - Promote the global nature of IEEE within the Region and the Institute.
 - Work towards the achievement of **smooth & effective operations in all sections, recognizing** their peculiarities (culture, income...).