

TAB HALL OF HONOR RECIPIENT NOMINATION FORM



CANDIDATE NAME: Fernando Aldana

BIOGRAPHY: Born in Guadalajara, Spain, (1944), Prof. Fernando Aldana is Industrial Engineer and PhD by the Universidad Politecnica of Madrid (UPM) being Full Professor (since 1983-currently retired). He has been Director of the Industrial Engineering School and UPM Research Vice-Rector as well as International Relationship Vice-President.

He has developed more than 100 academic and industry projects, collaborated in more than 200 conferences in several positions, and published more than 200 books and articles. Prof. Aldana has occupied since 1996 different positions in the Spanish Public Administration, like: General Director of Research and Development (Education and Culture Ministry); since 1998 Director of the new Science and Technology Office and Secretary of the Interministerial Commission of Science and Technology. He was Vice-President of the European Center of Nuclear Research and General Secretary (2003-2010) of the Science and Technology Latin American Program.

He has won several medals and awards, cite a few: Chile' Gran Cross of Bernardo O'Higgins Order; Constantiniana of San Jorge Knight; Civil Merit Order of Spain.

CITATION:

For leadership in internationalizing IEEE Technical Activities.

DESCRIPTION OF ACCOMPLISHMENT(S) RELATIVE TO MAJOR CONTRIBUTION(S) TO IEEE TECHNICAL ACTIVITIES:

Fernando Aldana has held a large number of positions inside IEEE (and other related Institutions, with special citation of IEE), as part of his work on Internationalization and worldwide activities). Among the positions at IEEE can be highlighted to be the first non-North-American as President of the IEEE Industrial Electronics Society, Chair of the IEEE Technical Activities Board and Chair of the IEEE Strategic Planning Committee.

He was fully engaged on the truly worldwide approach of IEEE in the 80s and 90s, where he was one of the most involved in all levels of IEEE, in Societies (Industrial Electronics and Power Electronics) as well as in the core structure of IEEE in the Technical Activities Board he chaired. He participated in several committees that increased the Institute's presence in Europe, Latin-America and the Far Asia. He collaborated with other sister societies such as the IEE building synergy between these organizations.

Institute of Electrical and Electronics Engineers (IEEE): M'77, SM'84, F'90 and LF'10.

Institution of Electrical Engineers (IEE): M'77 and F'88. IEE Europe Committee Member (January 1991-December 1994). President of the Working Group of IEE Continental Europe (January 1993-December 1994).

As chair of the TAB he speed-up and changed their organization structure as we know today, with the full participation of the Societies in the TAB as well as focusing the participation of the Divisions inside the Board of Directors, having a fully international TAB management as people globally were incorporated as Societies Presidents and Division Directors.

As evidence of his international leadership, a number of Spanish IEEE volunteers have followed in his footsteps. Examples include another President of the IEEE Electronics Society (Leopoldo Garcia Franquelo), the first non-North-American President of the IEEE Education Society (Manuel Castro), and the first Spanish Division Director (Division VI, Manuel Castro, 2019-2020).

DATE(S) OF ACCOMPLISHMENT(S): 1985 to 1996.

RELEVANT IEEE ACTIVITIES:

Chair, Technical Committee on Energy Systems – IEEE Industrial Electronics Society (June 1985-December 1987).

Associate Editor, IEEE Transactions on Industrial Electronics (June 1985-December 1987).

Member, Administrative Committee of IEEE Spain Section (January 1986-December 1993).

Member, Administrative Committee of IEEE Industrial Electronics Society (January 1986-December 1987).

Member, Administrative Committee of IEEE Power Electronics Council (February 1986-December 1987).

Member, Meetings Committee of IEEE Power Electronics Council (January 1987-December 1987).

Member, IEEE Technical Activities Board Meetings Committee (January 1988 to December 1988).

President, IEEE Industrial Electronics Society (January 1988-December 1989).

Member, IEEE Technical Activities Board (January 1988-December 1989)

Member, Meetings Committee of IEEE Power Electronics Society (January 1988-December 1994).

Member, Administrative Committee of IEEE Power Electronics Society (January 1989-December 1992).

Member, IEEE RAB/TAB Transnational Committee (January 1989-December 1992).

- Member, IEEE Neural Networks Committee (January 1989-January 1990).
 - Member, IEEE Member Opinion Survey Committee (May 1989-December 1989).
 - Chair, IEEE TAB Member Opinion Survey Task Force (May 1989-January 1990).
 - Member, IEEE TAB Administration Council (January 1990-December 1990).
 - Member, IEEE Regional Activities Board (January 1990-December 1990).
 - Member, IEEE RAB Administrative Committee (January 1990-December 1990).
 - Member, IEEE RAB Priorities and Planning Committee (January 1990-December 1990).
 - Chair, IEEE RAB/TAB Transnational Committee (January 1990-January 1991).
 - Chair, IEEE 1990 Colloquium Committee (January 1990-January 1991).
 - Vice President, IEEE Power Electronics Society (January 1990-January 1991).
- Your information may be shared with other areas within IEEE who seek volunteers.
- Member, Long Range Strategy Committee of IEEE Power Electronics Society (May 1990-December 1991).
 - Committee Member of IEEE Power Electronics Society (May 1990-December 1991).
 - Vice President for Technical Activities and Chair, IEEE Technical Activities Board (January 1991-December 1992).
 - Past Vice President for Technical Activities and Past Chair, IEEE Technical Activities Board (January 1993-December 1994).
 - Vice Chair, IEEE Strategic Planning Committee (January 1993-December 1994).
 - Member, IEEE Strategic Planning Committee (January 1994-December 1996).
 - Member, IEEE Nominations and Appointments Committee (January 1994-December 1995).
 - Chair, IEEE Implementation Committee for Structural Reorganization (January 1996-December 1996).