



BIO OF PROFESSOR M.Á. ALARIO-FRANCO FOR II SYMP SSCHEM MAAF



Prof. Miguel Á. Alario-Franco (born 1942) is Emeritus professor at Universidad Complutense in Madrid (UCM) where he obtained a D.Sc. in 1970 and a professorship in 1976. A pioneer in the development of Solid-State Chemistry both as an academic discipline and as a research topic in Spain and abroad, he founded at UCM the Solid-State Chemistry group in 1974, including the High-Pressure Synthesis and the Electron Microscopy Laboratories and headed it between 1974 and 2012. His wide and positive mentoring activities benefited a large number of scientists, over 150, many of them foreigners, in particular Ibero-American, including 17 from Mexico.

Member (1991-) and past-President (2009-2012) of the Royal Academy of Sciences of Spain, he is also Honorary member of the Materials Research Society of India (1998-), C-Member of the Academy of Sciences of the República Argentina (2008-), H-Member Academy of Sciences of Colombia (2010-) H-Fellow of the University of Aberystwyth (2015) and member of the EURASC (2018-). Co-author, with J.L. Vicent, of the first text on Superconductivity in the Spanish language and co-editor of six meetings Proceedings.

Among the different research lines that he has developed, stand out his studies on Materials Synthesis, Non-stoichiometry and Extended Defects, and also the Relationships between Structure, Microstructure, Composition and Properties of Non-Molecular Materials, mainly, but not exclusively, High Tc Superconductors and Ionic Conductors.

Amongst the Prizes and awards that he has received, one can mention the Rey Jaime I Prize on Materials Science (1991). The México Prize in Science and Technology (2009). The Senior Research Award of the Spanish Solid-State Chemistry and Physics Conferences (2010). The Miguel Catalán Prize of Madrid (2010) and the Gold & Diamonds Medal of Madrid Autonomous Community Chemist's College (2016).

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