

Biographical Sketch of Carmen Pérez

Professional address.

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Academic Career.

2019 – present: Full Professor.
2000 – 2019: Assistant Professor.
1992 – 2000: Lecturer.
1991 – 1992: Doctoral Researcher.

This activity was developed in the Department of Materials Engineering, Applied Mechanics and Construction (<https://dept05.webs.uvigo.es/en/>), at the Universidade de Vigo (<https://www.uvigo.gal/en>) (Spain).

Education and training.

1989: Graduated in Chemistry from Universidade de Santiago de Compostela (Spain).
1994 – 1995: Doctoral Researcher, Department of Chemical Engineering and Materials Science, University of Southern California (USA).
1998: PhD in Chemistry from Universidade de Santiago de Compostela (Spain).

Carmen Pérez develops her research activity in the ENCOMAT Group (Corrosion Engineering and Materials, <http://encomat.uvigo.es/en>), devoted to the study of corrosion phenomena and material's durability, with the aim of contributing to sustainable development. Her scientific interests include corrosion control by organic and inorganic coatings, and surface characterization at the nano and microscales using electrochemical techniques.

She has co-authored more than 60 peer-reviewed papers (source: Scopus), with h-index 18 (Scopus) or 21 (Google Scholar). She has supervised three PhD students and several post-doc students. Her research profiles can be found in: [Scopus](#), [Google Scholar](#), [ORCID](#).

She co-organized several symposia devoted to Electrochemical techniques in Corrosion: The International Workshop: "Application of Electrochemical Techniques to Organic Coatings. AETOC 2007" in Baiona (Spain), "XXXVI Reunión del Grupo de Electroquímica de la RSEQ y XVII Encontro Ibérico de Electroquímica, 2015" in Vigo (Spain) and "10th International Symposia on Electrochemical Impedance Spectroscopy. EIS 2016" in A Toxa (Spain). She was Guest Editor of a special issue of *Progress in Organic Coatings* journal (vol. 63, 2008, <https://bit.ly/3isOqdn>) and co-Guest Editor of a special issue of *Electrochimica Acta* journal (vol. 252, 2017, <https://goo.gl/n8URHs>).

Personal statement

Electrochemical Science and Technology are growing areas whose advances help to improve the quality of life in our societies while preserving the environment. The ISE, as a world-wide organization, has to play a key role to reach this goal.

From the end of 2020, I am vice-Chair of the Division 4 (Electrochemical Materials Science). Thus, it is an honour to be nominated as a candidate for the Chair-Elected of this Division 4. I am strongly committed to the values that ISE represents. If I elected, I would like to continue with the main activities of the society, paying special attention to two activities that I consider of capital importance. One is related to the way how the information is exchanged, essentially by the meetings of the organization. The times ahead represent a challenge to knowledge dissemination; the Society should be able to manage new ways of communication. Another important milestone is to involve the young scientists in the electrochemistry field, providing them continuous support and encouragement.