

Ignasi Sirés (Researcher ID: C-7054-2013; ORCID: 0000-0001-5508-1774) works as an Assistant Professor at the Faculty of Chemistry (Physical Chemistry section) of the Universitat de Barcelona (UB, Spain) since September 2014, where he is currently the PI of the Laboratory of Electrochemistry of Materials and the Environment (LEMMA Group). He obtained his Ph.D. degree in Chemistry in 2007 from the UB, and he is also a Materials' Engineer by the UB and the Universitat Politècnica de Catalunya (UPC). His main research interests focus on all aspects of the electrochemical science and technology for environmental remediation, having acquired large experience in conventional and advanced water treatment, as evidenced by his remarkable scientific output with high impact in the field. As young researcher, he received the prestigious 'Carl Wagner Medal of Excellence in Electrochemical Engineering 2014' (Working Party on Electrochemical Engineering –WPEE- at EFCE) and the '1st Prize Dr. Alejandro J. Arvia for Young Researchers in Electrochemistry' in 2018 by the Iberoamerican Society of Electrochemistry (SIBAE). He has broad international research experience and recognition, and he is currently the Secretary (former Treasurer) of the Electrochemistry Group of the Spanish Royal Society of Chemistry. He is also member of the WPEE and the Spanish representative at the SIBAE. He regularly participates in the ISE events, mainly through the activities organized by Division 5, where he currently serves as Vice-Chair.

Expression of interest to run for the position of the Division 5 Chair

If elected, I will be committed to boost the relevance of Division 5 within the ISE. The Electrochemical Process Engineering and Technology has become a cornerstone for major applications like energy conversion and storage, as well as a very promising research area for testing the materials' endurance/viability, deploying sustainable water treatment, or increasing the efficiency of waste management and valorization. These examples account for a big social impact and an ever-increasing market and, accordingly, the achievements and great success of Division 5 members deserve greater recognition. The societal influence of our members should be emphasized internally and beyond the ISE. Looking for synergies with other societies, entities and international research programmes could help to bring new ideas as well as join new young and proactive researchers to Division 5. Energizing the members, especially the youngest block, is fundamental to keep a strong Division 5, achieving dynamic and fruitful sessions at ISE meetings. In this regard, I have been member of a good number of scientific, organization and management committees related to topics that are the core of Division 5, which will be helpful to implement future actions.