



Agustín E. Bolzán, Ph.D.

Researcher at the Instituto de Investigaciones Físicoquímicas Teóricas y Aplicadas (INIFTA)

Universidad Nacional de La Plata

Argentina

Email: aebolzan@inifta.unlp.edu.ar

Phone: 54-221-4257430

Statement:

My first statement is that being elected to a position in a Society means a strong personal commitment to collaborate in the development of it. This has been my behavior in working as a National Representative of the Ibero-American Society of Electrochemistry (SIBAE) and the International Society of Electrochemistry (ISE) and will continue to be so if elected as one of the new Vice-Presidents. I believe that the work of a Vice-President is not only to focus on the specific duties and responsibilities designated by the ISE, but also to find new ways to contribute to the growth of ISE as an International Society. At present, ISE members belong to 75 countries, but only 44 of them have a National Representative and some regions have few members. This means that the ISE has strong challenges ahead in order to increase its presence in many places. As a result, Vice-Presidents need to work more closely with National Representatives, particularly with those coming from places where Electrochemistry is not strong enough, providing and discussing new ideas on how to improve the ISE and Electrochemistry presence in their scientific and technological communities. For example, through proposals for new educational activities or for possible topical meetings that may be relevant to their countries, always considering that each country has naturally different needs or interests. Another challenge for ISE is corporate membership, which has always been an important but difficult task that exceeds the work of one person. In this sense, it is necessary to rethink how to attract new companies to support ISE and its activities. I consider that ISE has developed its own world wide web of National Representatives, who clearly have a better perspective on potential candidates as corporate members. Therefore, a closer cooperative work between the Vice Presidents and the National Representatives will give us a good opportunity to significantly increase the number and participation of corporate members in the ISE.

Brief Curriculum Vitae

Academic data:

1984- Ph.D. at the University of La Plata, Argentina, under the direction of Prof. A.J. Arvia.

1985-1987.- DAAD Postdoctoral fellowship at the Institut of Physical Chemistry, University of Bonn (Germany) under the direction of Prof. W. Vielstich.

1990-onwards.- Member of the Research Career of the Comisión de Investigaciones Científicas de la Provincia de Buenos Aires, working at the Instituto de Investigaciones Físicoquímicas Teóricas y Aplicadas (INIFTA), La Plata, Argentina.

Research activities:

My research activities comprised studies on the anodic behavior of noble metal electrodes, the electrochemistry of noble metals in frozen electrolytes, the electrochemical behavior of additives and electrodeposition processes, among others, as well as the development of a new research line in my institute related to the application of fractal and dynamic scaling analysis to the growth of biological phases such as cell colonies, particularly cancerous cells.

Publications: 52 papers and 3 book chapters.

Technical reports: 10

PhD and Post-docs under my supervision: 6

Activities in Societies:

Member of the International Society of Electrochemistry (ISE), the Ibero-American Society of Electrochemistry (SIBAE) and The Electrochemical Society (ECS)

As member of SIBAE I organized the 17th Meeting of the Ibero-American Society of Electrochemistry (SIBAE) in 2006. After this, I was elected SIBAE National Representative in 2010. Two years later the general assembly of SIBAE elected me as Treasurer of the Society, where I collaborated not only with the own tasks of a treasurer, but also with the organization of the Society in different aspects. In 2012 I was elected as ISE National Representative assuming the tasks of increasing the local membership and to organize the first Topical Meeting of ISE in Argentina. By the end of 2014 I was re-elected as ISE National Representative for a second term. Today there are 55 ISE members in Argentina from the 32 reported in 2012 (increase of ca. 71%). Past March, I organized the 20th ISE Topical Meeting, which took place in Buenos Aires during three full days and involved 215 participants from 30 countries, 9 exhibitors and 3 sponsors. Finally, by the end of 2016 I was elected member of the ISE Scientific Meetings Committee by the EC.