Special Issue: Tribute to the electrochemical emeritus researchers of SNI

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In this special issue, we are delighted to celebrate the remarkable accomplishments of our esteemed colleagues and friends who have been honored as emeritus researchers by the National System of Researchers in Mexico (Sistema Nacional de Investigadores, SNI). This prestigious recognition is bestowed upon researchers who have consistently maintained the highest level of excellence as national researchers (SNI III) for a minimum of 15 years and have demonstrated scientific leadership in the research area and recognized international impact. To achieve this distinction, they possess a remarkable track record of impactful articles, mentoring graduate students

and established researchers, establishing thriving research groups, promoting science across diverse domains, and receiving international acclaim for their scientific endeavors. Each of the honorees has not only surpassed these requirements but has also made significant contributions to the international societies of electrochemistry. They have served as the bedrock of the Mexican Society of Electrochemistry (SMEQ), collectively shaping the landscape of electrochemistry in Mexico through their original and groundbreaking work in various areas.



Photograph. 1. Photograph of the Doctors (from left to right) Juan (Joan) Genescá Llongeras (FQ-UNAM), Jorge G. Ibañez Cornejo (UIA-CDMX), Elsa Miriam Arce Estrada (ESIQUIE-IPN), Yunny Meas Vong (CIDETEQ-CONAHCYT), Omar Solorza Feria (CINVESTAV-Zacatenco) and Ignacio Gonzalez Martínez (UAM-Izt), Emeritus 2022 of the SNI. *Credits:* Dr. Bernardo A. Frontana and M.C. Ed. Hortensia Segura Silva).

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Within this volume, we present a collection of personal reflections from each distinguished awardee. Through these reflections, they share their scientific and personal journeys, interactions with colleges throughout the years, individual perspectives on the field of work, and notable achievements and recognitions. Additionally, this volume includes a selection of contributions in diverse areas of electrochemistry, which have been dedicated by colleagues and friends who acknowledge the awardees as world leaders and endorse their significant contributions on various topics. Undoubtedly, this publication will serve as a historical reference for the Mexican electrochemical community, encompassing students. colleagues, and friends of the awardees, who will find immense value and inspiration within its pages

It is important to highlight that despite their enthusiastic involvement with the electrochemistry field, the distinguished awardees have diverse academic backgrounds, which has fostered the advancement of electrochemistry in various domains. These encompass electroanalytical applications, the exploration of metal degradation and corrosion, electrochemical education, and energy interconversion and storage processes, among other areas. Moreover, several have made noteworthy contributions to the industrial sector, establishing research centers and mentoring scientists within their respective universities or research institutions. Their endeavors have paved the way for establishing robust research groups and have served as guiding lights for the emerging generation of electrochemistry researchers across Mexico and Latin America, who have already achieved commendable scientific trajectories.

Furthermore, they have diligently promoted scientific pursuits through their roles as editors for national and international journals, presidents of SMEQ, and organizers of international conferences, thereby enhancing Mexico's reputation within the scientific community.

In their own words, the compilation of their personal testimonies will undoubtedly serve as an inexhaustible source of inspiration for future generations of electrochemists. The impact of their work has transcended borders, leading to the establishment of prestigious awards in their honor in other Latin American countries. A pivotal attribute shared by all these distinguished emeritus professors has always been their generosity in imparting their time and knowledge, showcasing an exceptional spirit of service, and inspiring the pursuit of electrochemistry knowledge in Mexico. They have played a vital role as mentors, motivators, and visionaries in the field.

We recognize and acknowledge the tremendous effort made by the awardees to build a strong, dynamic, and promising electrochemical community. Mexico's electrochemical state results from their pioneering efforts and scientific legacy, which will perdure for decades.

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Guest editors

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