Preface

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The Mexican Hydrogen Society (MHS) was founded in 1999. Since then, it has organized congresses with the participation of renowned invited speakers from North America, Europe, Asia and South America, who have shared their knowledge and the most important advancements in Hydrogen Technologies. Besides the academic and technologically oriented activities, the MHS achieved other relevant objectives such as: the inclusion of Hydrogen as a sustainable clean fuel in the recently approved Energy Law Reforms-thanks to the support of the Mexican Senate-, the development of the Mexican Hydrogen National Plan, and the creation of the National Hydrogen Scientific and Academic Network.

This Special Issue is dedicated to selected papers of the *XIV International Congress of the Mexican Hydrogen Society: "Hydrogen Technologies: Nanostructured materials and Energy Systems for Sustainable Future."* The meeting was held in Cancún, México, September 30 to October 1, 2014, and honored the scientific career of Professor Ernesto R. González. The academic host institution was the Instituto Tecnológico de Cancún.

The Congress attracted more than 250 delegates from Brazil, United States, India, Argentina, France, Italy and

México. The topics included: nanostructured materials; hydrogen production and storage; direct fuel cells; fuel cell components and stacks; mathematical modeling and simulations; renewable energy systems; control and power conditioning; applications; policies, economy and market strategies; codes, standards and safety issues; and environmental aspects.

The breadth and depth of the papers cover diverse fundamental and applied electrochemistry areas, such as novel metal catalysts for oxygen reduction reaction, urea electrolysis, methanol oxidation, novel electrolytes for solid oxide fuel cells, and proton exchange membrane fuel cells.

We would like to acknowledge the Consejo Nacional de Ciencia y Tecnología (CONACYT-México) and the Tecnológico Nacional de México for the support to the meeting. Also, we want to recognize the effort and time of the authors and reviewers during the peer review process. Special thanks are due to Professor Gerardine G. Botte, Editor-in-Chief, and the Editorial team of the Journal of Applied Electrochemistry. We appreciate the excellent opportunity to share the knowledge through this Special Issue.

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