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## Preface JPS CONAPPICE 2010

This special issue shows some of the works presented during the 2010 edition of the Spanish National Congress of Fuel Cells (CONAPPICE 2010). The congress is organised each two years by the Spanish Association of Fuel Cells (APPICE) to give a view of research activities, demonstrations, industry developments, and initiatives from private and public stakeholders. This volume shows scientific results in the areas of low and high temperature fuel cells, materials synthesis, characterization, components fabrication, testing, durability issues, systems analysis and modelling, and hydrogen production.

CONAPPICE 2010, and previous congresses in this series, confirms the existence in Spain of a stable and enthusiastic community dedicated to fuel cells and hydrogen research. Today we can say that the Spanish fuel cell community is able to contribute steadily to new advances and developments, and set the field to help the deployment of the technology to common users in the probable short-medium term. It is also a result of the effort that is being carried out since three decades ago to make of Spain a net contributor of science and technology, an objective recognised as a historical need since more than two centuries, but never fully accomplished for different circumstances.

In the present edition more than 100 works were presented for oral and poster sessions, after revision by the Scientific Committee. An extended summary of all the works can be read in the Book of the Congress. A parallel industrial exposition took place during the

three days showing developments by industries located in Spain. There were three invited lecturers, by Prof. Nicolás Alonso-Vante (Univ. Poitiers, France), Prof. Alan Atkinson (Imperial College, UK), and D. Javier Brey (Hynergreen, Spain), who provided interesting remarks and introductory discussions to each conference day. The city of Seville was this time a nice and comfortable venue.

We want to express our thanks to all who have made possible the congress and the launch of this volume: to the attendees, sponsors, authors of communications, and to the special issues editor of JPS. We hope that the reader may find interesting and encouraging ideas in the works presented here, and the basis for future collaborations with the Spanish fuel cells community.

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