



Foreword

EIS 2007: The 7th international symposium on electrochemical impedance spectroscopy

EIS 2007 took place in Argelès-sur-Mer (France) from June 3rd to 8th, 2007. About 180 scientists from 40 countries participated in the meeting. This series of symposia, initiated in Bombannes, France (1989) by Claude Gabrielli, has been held every three years on alternating continents, with the last one held in Cocoa Beach, Florida USA (2004). As was the case for previous symposia, this meeting was the occasion for presentation of recent advances and applications of electrochemical impedance spectroscopy in fields including instrumentation and data processing, electrochemical kinetics and mechanisms, corrosion, coatings, energy storage, batteries and fuel cells, biomedical and biological systems, semi-conducting electrodes, electronic and ionic conducting polymers, and solid-state systems.

In order to allow both experienced and young scientists to present their work, the presentations were scheduled in plenary lectures (5), keynotes (10), oral communications (117) and posters (60). Consequently, the conference encompassed a wide range of different impedance domains, including both basic research and various applications. Exhibitors of electrochemical equipment were also present to demonstrate their products.

I would like to emphasize the warm and collegial atmosphere among participants during the meeting, which constitutes one of the defining characteristics of these symposia. I hope that the friendship and the fruitful scientific discussions during EIS 2007 will encourage you and other colleagues to participate in EIS 2010 to be organized by João Fernandes in Portugal.

The papers published in this volume, after a rigorous review and selection process, give an overview of the different topics presented on the symposium. They are gathered under the headings: instru-

mentation and data processing, mechanisms and models, energy, corrosion and coatings.

I express my sincere thanks to the scientific and organizing committees, to the authors for their stimulating presentations, the other symposium participants, the session chairs, and also to the large number of referees for their efforts in reviewing the submitted manuscripts. I offer special thanks to the previous organizers and particularly to Mark E. Orazem who encouraged me to organize EIS 2007 and whose advice was very useful. Lastly, my thanks go to Bernard Tribollet for his constant assistance before, throughout, and after the Symposium.

Financial assistance from the International Society of Electrochemistry (ISE), The Electrochemical Society (ECS), the city of Argelès-sur-Mer, and the "Conseil Général des Pyrénées-Orientales" was also greatly appreciated.

I would like to dedicate this Seventh Symposium to the Memory of Michel Duprat, who guided my first steps in the field of electrochemical impedance spectroscopy and to whom I owe my current position in the "Corrosion and Protection of Materials" group of the CIRIMAT.

Guest editor

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