On behalf of the Organization Committee it is a pleasure to welcome you the 6th International Conference–Workshop CPE 2009 Compatibility and Power Electronics.

The Conference is being held at IFEBA in Badajoz. We would like to express our gratitude to committee members, reviewers and volunteers for their unconditional collaboration.

CPE2009 is technically co-sponsored by IEEE IES and has been organized by the University of Extremadura and Gdynia Maritime University, with collaboration of the University of Catalonia and Tallin University. Major supporters include the Spanish Ministry of Education and Science, the Regional Government of Extremadura and the city Council of Badajoz. We gratefully acknowledge their supports and those from other sponsors in the field of engineering and energy, such as C&T Elmec, APS Energía, PTETIS, Iberdrola, ENDESA and CETIEX.

This conference was first held in 1999. From its beginning the objective of this Conference has been to offer a forum of discussion to power electronics specialists. At present, CPE has become a reference for, researchers, mainly from the Middle and East of Europe, but it has also begun to be a reference for the rest of Europe and indeed the whole world.

This year’s conference will be held in the West of Europe for the first time, with the aim of following this trend and attracting attendees from all over Europe. The chosen site has been the city of Badajoz (Extremadura, Spain). On this occasion, the organization of the 6th conference is mainly carried by the Power Electrical and Electronic Systems research group of the University of Extremadura with the help of the Power Electronics, Drives & Control Group of Gdynia Maritime University.

This year, one of the main objectives is to increase the proved quality of the papers presented in the conference. All papers have been reviewed by, at least, three referees. 126 papers were sent for consideration and out of these 78.6% has been selected in the reviewing process. 76 of these papers will be presented in this conference.

All papers have been scheduled in oral sessions with the aim of allowing a dynamic exchange among the researchers and a better understanding of the new concepts and ideas presented in the conference.

We hope this conference will provide a good platform for forging international alliances and networking of thoughts.

Finally, we hope that your stay in Badajoz and the social events we have planned will be to your pleasing.

All conference committee members and volunteers have done their best to make to make CPE 2009 an outstanding and memorable event.

Enrique Romero Cadaval
Ryszard Strzelecki
General co-chairmen