Preface

In this special issue of the International Journal of Applied Electromagnetics and Mechanics, selected papers from the 11th International Workshop on Optimization and Inverse Problems in Electromagnetism (OIP-E) held in Sofia, Bulgaria, from 14 to 18 September 2010, are included.

The OIPE Workshop has gained a high reputation since its establishment more than twenty years ago. The common denominators of all OIPE workshops, Optimization and Inverse Problems, are cross sectional topics with high relevance in many fields of engineering and other sciences. Thus, the OIPE workshops are very multidisciplinary with respect to the covered topics and the contributing scientists. This is in contrast to many other workshops or conferences, which concentrate on specific applications or subfields of science. It not only makes the OIPE series unique but also brings together and promotes interaction between scientists from various backgrounds and from all around the world.

For the 2010 edition of OIPE Workshop, 83 digests were submitted, of which 72 were accepted for presentation. Three keynote speakers were also invited to present their recent achievements. For the present issue of the IJAEM, after a review process by the International Editorial Board, 15 full papers are selected. I would like to express my sincere appreciation of the hard work done both by the reviewers and by the authors.

I would also like to thank Prof. Takagi, the Editor-in-Chief of IJAEM, for his kind support during the whole process of preparation of this special issue.

Ivan Yatchev
Guest Editor