

Proceedings of the  
International Congress on Advances  
in Applied Physics and Materials Science  
(APMAS2011)

Antalya, Turkey, May 12–15, 2011

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## Preface

This volume contains the proceedings of the first international congress “Advances in Applied Physics and Materials Science” held in Antalya from May 12 to 15, 2011. The scope of the congress was quite wide. This congress deals with the condensed matter physics, nanoscience and nanotechnology, optical physics, quantum electronics and photonics, materials science and engineering, engineering and industrial physics, instrumentation metrology and standards, quantum, atomic and nuclear physics, chaos and nonlinear dynamics.

There were two hundred eighty one participants from 26 countries. We must thank all the speakers for the excellent quality of the talks, well prepared for a knowledgeable and demanding audience. There were intense and healthy discussions after the talks and in the breaks, which created a pleasant and constructive atmosphere. We believe that the congress has indeed contributed to clarify some issues, to settle others, and to set guidelines for progress in the future.

This congress was financially supported by the Istanbul Kultur University, Gebze Institute of Technology, Doga Nanobiotech Inc., Terra Lab. Inc., LOT Oriel Group Europe, PHYWE, Delta Elektronik Inc.

We would like to thank again the participants, who were responsible for the success of the congress, and look forward to the second edition of the congress ([www.apmas2012.org](http://www.apmas2012.org)) to be held Antalya, Turkey on April 26–29, 2012.

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