

Proceedings of the  
2nd International Congress on  
Advances in Applied Physics and Materials Science  
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*Editors of the Proceedings:*

Muhammed Hasan Aslan  
Ahmet Yavuz Oral

WARSAW

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## Preface

This volume contains proceedings of the first international congress “Advances in Applied Physics and Materials Science” held in Antalya from April 26 to 29, 2012. 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.

There were three hundred sixty seven participants from 35 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 Gebze Institute of Technology, Izmir Katip Celebi University, Istanbul Kultur University, Doga Nanobiotech Inc., Terra Lab. Inc, LOT Oriel Group Europe, Redoks Inc., Edinburg Instruments, Terra Lab. Inc., Anamed & Analitik Grup, NanoMagnetics Instruments Ltd., Maney Publishing.

We would like to thank again the participants, who were responsible for the success of the congress, and look forward to the third edition of the congress ([www.apmas2013.org](http://www.apmas2013.org)) to be held Antalya, Turkey, in April 24–28, 2013.

*The Editors of the APMAS2012*  
Muhammed Hasan Aslan  
Ahmet Yavuz Oral