
Editorial

Special issue on Inter-Academia 2009

8th International Conference on Global Research and Education

The Inter-Academia is an already well established initiative uniting various universities in their efforts in promoting mutual exchange of information and improving education, mostly by forming international research teams. It has progressed considerably over the 9 years of its existence.

The 8th International Conference on Global Research and Education – Inter-Academia 2009 is the continuation of a successful series of focused, international conferences which started in Bratislava, Slovakia in 2002 and since that time had been held in various European countries and Japan. During that time the Inter-Academia Board was founded of significant researchers and scholars from among the Inter-Academia members and supporters. The Board is acting on behalf of Inter-Academia, promoting its philosophy, pointing out new research areas and topics, proposing new solutions and also applying for sponsorship.

The goal of the Inter-Academia conferences is to bring together experts from different areas to give an overview of the state-of-the-art and to present new research results and prospects for the future development.

This year the Inter-Academia meeting was organized by The Faculty of Mechatronics, Warsaw University of Technology, Poland. It gathered many prominent scientists and scholars, and the presented papers covered a wide spectrum of topics, notably on the combination of various modern technologies brought together to reduce complexity through the adaptation of interdisciplinary techniques in manufacturing.

The main topics selected for Inter-Academia 2009 are: Nanotechnology, Biomedical Engineering, Material Science, Metrology, Photonics, Mechatronic Products, and E-learning. This Special Issue includes 66 papers which have been selected for inclusion via a strict peer review process of full length papers, with emphasis on both the originality and quality.

The selected papers were written by top scholars and researchers from 8 countries: Japan, Poland, Hungary, United Kingdom, Romania, Belorussia, Ukraine, and Latvia.

I believe that this Special Issue will be an up-to-date source of information on the newest theoretical and applied developments in those areas that can be useful for scholars, researchers and engineers, and can form a basis for advanced scientific works and applications in the manufacturing industry.

I would like to thank all the authors for their great contributions to this Special Issue and all the reviewers for their careful reviews of the papers.

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