

Patronage



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Materials Science and Surface Engineering



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Editorial

The 18th International Scientific Conference on Achievements in Mechanical and Materials Engineering AMME'2010 took place in the Conference Rooms of the Mercure Kasprowy Hotel in Zakopane in the period of 13th – 16th June 2010. This conference was as usual a regular encounter of scientists coming from various areas of materials and mechanical engineering to facilitate an exchange of ideas between researchers from all over the world. It gave also the opportunity to present results of efforts of the young PhD students, who made their first steps in the scientific society. To make these meetings even more fruitful, many accompanying events gave the opportunity to meet participants of various scientific projects and networks. The event's participants feature an excellent forum to witness awarding those contributors, who had the greatest merits to the development of the activities exerted, in this field.

The Opening Ceremony of the 18th International Scientific Conferences on Achievements in Mechanical and Materials Engineering AMME'2010, took place in the Warszawa and Haluszka Chambers of the Wieliczka Salt Mine in Wieliczka close to Cracow. The Wieliczka Salt Mine is one of the most valuable cultural monuments in Poland, which is visited each year by more than a million tourists from all over the world. It is also a historical monument of the world class and as such is inscribed in UNESCO's First World List of Cultural and Natural Heritage. Today, the Wieliczka Salt Mine represents both many centuries of tradition and the modernity, centuries of history and an underground city with an extensive infrastructure. The Mine is the heritage of the work of several dozen generations of the Miners, and a monument of the history of Poland and the Polish nation – a brand that has been created in the Polish collective consciousness over centuries.

To the traditions of conferences of series on Achievements in Mechanical and Materials Engineering AMME, the yearly handing of honorary awards of the Prof. Fryderyk Staub Golden Owl for achievements in promoting the Polish science and higher education on the international arena and achievements in collaboration with the Polish scientific community of materials and manufacturing engineering to eminent scientists nominated by the Chapter belong.

The honorary awards of the Prof. Fryderyk Staub Golden Owl in 2010 were achieved by the following outstanding scientists:

- Prof. Rudolf Kawalla – TU Bergakademie Freiberg Germany,
- Prof. Mirko Sokovic – University of Ljubljana, Slovenia,
- Prof. Zinovy Stotsko – Lvov University of Technology, Ukraine.

On behalf of the members of the Chapter, of the AMME'2010 Conference delegates and my own I congratulate and wish further successes in the scientific and organisational activeness to the awarded eminent Scientists and also wish them happiness in their private lives and further years in good health.

The Chapter handed the Professor Jan Adamczyk Honorary Award for 2010 to Dr Rafał Babilas from the Silesian University of Technology in Gliwice, Poland. In the given issue we make papers worked out on the basis of works presented during AMME'2010 Conference available to PT Readers.

Prof. Leszek A. Dobrzański M. Dr hc
Chairman of the AMME Conference
President of the WAMME
President of the ACMS&SE
Editor-in-Chief of the ACMS&SE

Gliwice-in 2010