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## Editorial

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**Biographical notes:** Leszek A. Dobrzański is a Professor and Doctor H.C. as well as the Director of the Institute of Engineering Materials and Biomaterials of the SUT Gliwice, Poland, a President of World Academy of Materials and Manufacturing Engineering, a Foreign Fellow of Ukrainian and Slovak Academies of Engineering Sciences, an Editor-in-Chief of three Worldwide Journals, a Visiting Professor, an invited Speaker, a Chairman and a Member of the Programme Committees of the serial Scientific Conferences in numerous of world countries. An author or a co-author of ca.1000 publications, ca.40 patents, ca.40 scientific books. A Laureate of numerous scientific distinctions, including William Johnson and Albert Schweitzer Gold Medals.

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The International Scientific Conferences on Achievements of Mechanical and Materials Engineering AMME are yearly organised under the patronage of the World Academy of Materials and Manufacturing Engineering with the close cooperation of the Association of Computational Materials Science and Surface Engineering. In 2006 that conference was organised in Wisła, Poland. The next Jubilee 15<sup>th</sup> Conference AMME'2007 was organised in the framework of the COMMENT'2007 Worldwide Congress in Zakopane in Poland, in the Tatra Mountains, and the Opening Ceremony in the Main Hall of Collegium Novum of the Jagiellonian University in Cracow, the oldest one in Poland. The COMMENT'2007 Congress was connected with the 10<sup>th</sup> anniversary of the Institute of Engineering Materials and Biomaterials of the Silesian University of Technology, one of the main Congress Organisers. The next AMME'2008 conference of that successful series will take place in June 2008 in the Medieval Teutonic Castle in Ryn, in Mazuria in north Poland, known as Region of Thousand Lakes. The Conferences AMME are accompanied yearly by the General Assembly of the World Academy of Materials and Manufacturing Engineering, the General Assembly of the Association of Computational Materials Science and Surface Engineering, meetings of the Bodies of the Polish Academy of Sciences.

The main aim of the Conferences AMME is to comment and discuss the new trends of the development of materials and manufacturing engineering and technologies in the following decades of the 21<sup>st</sup> Century. Moreover, yearly very traditional International Scientific Conferences on Contemporary Achievements in Mechanics, Manufacturing and Materials Science CAM<sup>3</sup>S are organised.

The tradition of the International Scientific Conferences at present both on series of Achievements in Mechanical and Materials Engineering AMME and on Contemporary Achievements in Mechanics, Manufacturing and Materials Science CAM<sup>3</sup>S, that began in 1992, when the first of them was dedicated to the memory of Prof. Fryderyk Staub – a creator of the Silesian School of Materials Science who was one of those outstanding professors who after the Second World War moved the traditions of the biggest and the best in Pre-War Poland University of Technology, Lvov University of Technology – was organised. That is why, the yearly handing of honorary awards of Prof. Fryderyk Staub Golden Owl for achievements in promoting Polish science and higher education on the international arena and achievements in collaboration with the Polish scientific community of materials engineering to eminent scientists was nominated by the Chapter to the tradition of those conferences, and especially of the one on Achievements of Mechanical and Materials Engineering AMME belongs. For half a century, Prof. Fryderyk Staub directed the Department of Materials Science of the Silesian University of Technology, whose traditions took successively created Institutes: ca. 35 years ago – of Materials Science, and over 10 years ago – of Engineering Materials and Biomaterials.

The fruitful development of the Institute of Engineering Materials and Biomaterials is connected also with the dynamic development of the international cooperation of that scientific institution. Thanks to the above mentioned International Scientific Conferences of the successful series of AMME and CAM<sup>3</sup>S are organised. In the last 16 years, both conferences were transformed into mattering worldwide events in which usually over 200–300 Scientists from all over the World, usually from more than 30 countries participate. These conferences give the delegates an opportunity to establish personal contacts for the international scientific collaboration and also enables young Scientists to meet the world renowned Scientific Authorities in person. These conferences have also its regular delegates, who have already actively participated in the conferences presenting main, invited and submitted papers for several times. This great interest of delegates surely can be connected with the mood and friendly atmosphere, which usually accompany these events, at a high level and an interesting subject matter of presented papers and also an attractive place to which the organisers invite its delegates.

In the given Special Issue of the International Journal of Materials and Product Technology (*IJMPT*) papers presented in previous AMME'2006 and CAM<sup>3</sup>S'2006 Conferences, which took place suitably in Wisła, Poland in May 2006 and in Zakopane, Poland in November 2006, and qualified for print after peer reviews are included. I hope that this issue will be a valuable reading for PT Readers of the *IJMPT* Journal. In that place, both on behalf of Authors and delegates of previous AMME'2006 and CAM<sup>3</sup>S'2006 Conferences and my own, I would like to thank the Editor-in-Chief of the *IJMPT* Journal Dr Mohammed A. Dorgham from International Centre for Technology and Management (UK) with great pleasure for enabling the publication of the chosen papers worked out in the framework of the mentioned Conferences in that widely-read *IJMPT* Journal. It is all the more important because that Special Issue begins the cooperation between the *IJMPT* and the World Academy of Materials and Manufacturing Engineering WAMME. I do hope that the cooperation will develop more fruitfully in the following years to the benefit of both delegates of next AMME and CAM<sup>3</sup>S conferences, the Fellows of the World Academy of Materials and Manufacturing Engineering WAMME and Members of the Association of Computational Materials Science and Surface Engineering and for PT Readers of the *IJMPT*.

Unfortunately, the publishing cycle of the *IJMPT* is too long and the publication of papers submitted in the turn of 2006 and 2007 is possible only now. The next ones from the conferences organised in 2006 and mainly 2007 are still waiting for print, in spite of being accepted in the first half of 2007. Of course, all the worrying authors should be apologised, but unfortunately the wide readiness of the *IJMPT* and very long queue of papers waiting for print requires the long period of anticipation.