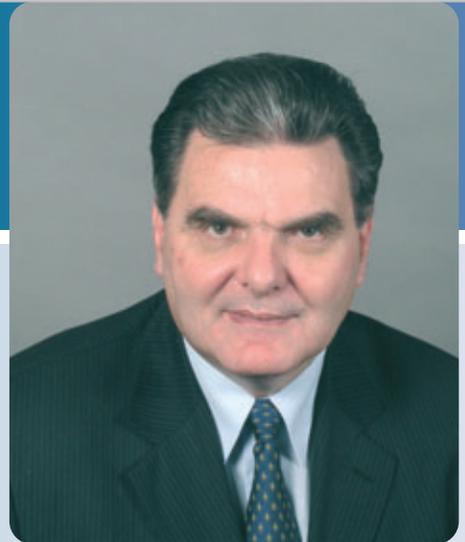


Editorial



The COMMENT'2007 Worldwide Congress on Materials and Manufacturing Engineering and Technology is organised on 27th-30th May 2007 under the patronage of the World Academy of Materials and Manufacturing Engineering WAMME and the close cooperation with the Association of Computational Materials Science and Surface Engineering. This year the COMMENT'2007 Worldwide Congress is organised for the second time in history. The COMMENT'2007 Worldwide Congress is accompanied 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 COMMENT'2007 Worldwide Congress is to comment and discuss the new trends of the development of materials and manufacturing engineering and technologies during the next decades of the 21st century.

The COMMENT'2007 Worldwide Congress is a federation of the following independent and very traditional Conferences which are organised for many years: the 15th Jubilee International Scientific Conference on Achievements in Mechanical and Materials Engineering AMME'2007, the 13th International Scientific Conference on Contemporary Achievements in Mechanics, Manufacturing and Materials Science CAM'S'2007, the Bidisciplinary Occasional Scientific Sessions BOSS'2007, the Scientific Conference on Polymeric Materials Engineering POLYMERS'2007, the Scientific Conference on Contemporary Achievements in Biomaterials and Biomedical Engineering CABBE'2007, the International Scientific Conference on Foundry Technologies FOUND'2007 and the Scientific Conference on Total Management in Manufacturing Technologies TMMT'2007. A very important accompanying event of the COMMENT'2007 Worldwide Congress is again the Congress of Scientific Circles CO-KÓŁ.



To the traditions of conferences of series on Achievements in Mechanical and Materials Engineering AMME, organised at present in the framework of the COMMENT'2007 Worldwide Congress, 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 engineering to eminent scientists nominated by the Chapter belong. So far the very prestigious awards have been achieved by outstanding scientists from many countries of the world in the following order: Prof. M.H. Van de Voorde – Belgium, Prof. F.W. Travis – the United Kingdom, Prof. J.M. Torralba Castello – Spain, Prof. M.H. Robert – Brasil, Prof. B.I. Tomov – Bulgaria, Prof. M.S.J. Hashmi – Ireland, Prof. Y. Katz – Israel, Prof. M. Zitnansky – Slovakia, Prof. J. Kopač – Slovenia, Prof. B. Smoljan – Croatia, Prof. B. Levenfeld – Spain, Prof. M. Rosso – Italy, Prof. Jaroslav Koutsky – Czech Republic, Prof. Yong Taek Im – South Korea, Prof. Paul Siffert – France, Prof. Yuriy Rudavskiy – Ukraine, Prof. Jerry Sokolowski – Canada, Prof. Spillios Fassois – Greece, and Prof. Toshio Haga – Japan. Also such a ceremony is foreseen this year.

In 2007 the Chapter accepted the candidatures of Prof. Kanaka Durga Vara Prasad Yarlagadda from Australia, Prof. Ming-Yen Tan from Singapore and Prof. Grigoriy Drapak from Ukraine and the 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 will be handed to them during the Opening Ceremony of the COMMENT'2007 Worldwide Congress. For a quarter of a century Prof. Fryderyk Staub directed the Department of Materials Science of the Silesian University of Technology which traditions took successively

created institutes: ca. 35 years ago of Materials Science, and nearly 10 years ago – of Engineering Materials and Biomaterials. That is why this time the COMMENT'2007 Worldwide Congress is connected with the 10th anniversary of the Institute of Engineering Materials and Biomaterials of the Silesian University of Technology, one of the main Congress Organisers.

For the first time the handing of the Professor Jan Adamczyk Honorary Award of the World Academy of Materials and Manufacturing Engineering for a young scientist for a distinguished PhD or DSc thesis is foreseen during this AMME'2007 conference. Professor Jan Adamczyk, died suddenly in 2007, was a Fellow of WAMME, and for many years was the Director of the Institute of Materials Science and 9 years Deputy Director of the Institute of Engineering Materials and Biomaterials of the Silesian University of Technology. In that issue we publish the recollection of Professor Jan Adamczyk and the last work written by him in his life, paying in his way homage to his lamented memory and his outstanding achievements. It was decided that the first Professor Jan Adamczyk Honorary Award will be handed to Dr Tomasz Tanski from the Silesian University of Technology in Gliwice, Poland for making a rewarded PhD thesis on heat treatment and phase precipitation in magnesium-aluminum cast alloys. Also that ceremony is foreseen during the Opening Ceremony of the COMMENT'2007 Worldwide Congress.

In the given Issue of the Journal of Achievements in Materials and Manufacturing Engineering the set of some short papers positively evaluated for at least 2 reviewers are handed over to P.T. Readers.

In that place with great pleasure I would like to thank the Authors of papers included in a given issue of the Journal of Achievements in Materials and Manufacturing Engineering for the efforts put in the preparation, the reviewers for their evaluation, the members of the Editorial Office for their outworking and preparation for print. I hope that this Issue will be a valuable reading for P.T. Readers of the Journal of Achievements in Materials and Manufacturing Engineering.

Prof. Leszek A. Dobrzanski Dr H.C
Editor-in-Chief of the JAMME
President of the WAMME
President of the ACMSSSE

Gliwice, in April 2007