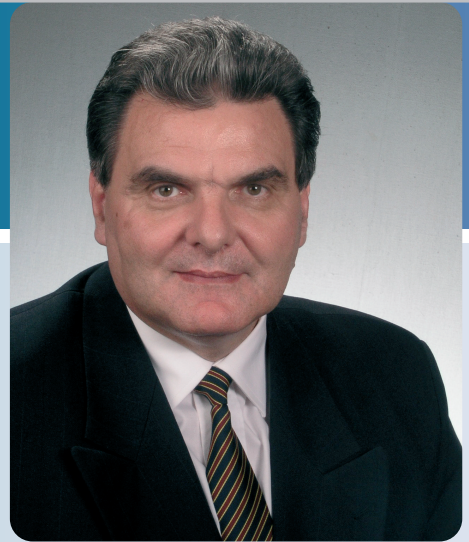


# Editorial



A year passed since the first inaugural issue of our scientific monthly dated 1st January 2006 and entitled "Journal of Achievements in Materials and Mechanical Engineering" was published. The Journal is a continuation of "Proceedings of Achievements in Mechanical and Materials Engineering – AMME" published during last 13 years in the cohesive form as annuals. That is why the inaugural issue of the monthly was numbered as 14. The Publishing House of the Journal – the International OCSCO World Press with its seat in Gliwice is a publishing agenda of the World Academy of Materials and Manufacturing Engineering WAMME and the Association of Computational Materials Science and Surface Engineering. The International Federation of Heat Treatment and Surface Engineering, the Committee of Materials Science of the Polish Academy of Sciences and the Institute of Engineering Materials and Biomaterials of the Silesian University of Technology, Gliwice, Poland belong to the rest of institutions which took the scientific patronage of the Journal. The Journal is published in Gliwice – a seat of the Publisher and the Editor-in-Chief and also in Campinas (Brazil) – Portland (USA) – Madrid (Spain) – Daejeon (South Korea) – Brisbane (Australia) – Cairo (Egypt) that is in cities on 6 continents in which 6 Deputies of Editor-in-chief work. Moreover, in the makeup of the Editorial Board 43 fellows from 30 countries of the world including as many as 7 persons from Poland responsible for reviewing and the content-related level of published papers belong. Furthermore, the associate editors are staff of the Institute of Engineering Materials and Biomaterials of the Silesian University of Technology in Gliwice fulfilling also editorial functions. Two experienced translators are responsible for a language side of the Journal which is entirely published in English. The monthly is fully-coloured published what ensures an exceptionally attractive form. The publisher secures the worldwide range and broad distribution regularly sending it to ca. 100 scientific libraries and over 200 readers in ca. 50 countries of the World for the Journal, and moreover a few hundreds of the Journal is constantly distributed in the Polish scientific centres. Papers published in the Journal are also available in the Internet in the form of "Reading Direct" what is surely conducive to the popularisation of the contents published in the broad circles of Readers. It is necessary to emphasise that the Publisher sent the Journal for the evaluation by Thomson Institute in Philadelphia, PA in USA a few months ago.

The end of the year is always time for conclusion and retrospection. That is why we can venture to evaluate this year achievements of the Journal. This year the Journal of Achievements in Materials and Manufacturing Engineering has been published in 6 volumes, each of which consisted of two consecutive issues. Five double volumes: no 14(1-2), 15(1-2), 16(1-2), 17(1-2) and 18(1-2), altogether 10 issues, however, volume 19 was divided into 2 issues out of which this is the last one which we deliver to P.T. Readers in the current 2006. Then altogether as it was planned 12 issues were published. In two volumes being significantly thicker than usually

which because of their form were qualified as 4-page short (201 papers), 8-page technical (5 papers), 8-10-page research (112 papers), 12-page general (4 papers) and 12-page conceptual (1 paper) ones. The scope of the Journal was divided into a few divisions out of which the most broadly represented during this year dealt with materials (91 papers), however the next ones concerned with processing and manufacturing (68 papers), analysis and modelling (64 papers), materials properties (44 papers), research methodology (18 papers), industrial and organisational management (14 papers) and also research and educational trends (4 papers) and cleaner production (3 papers). In the remaining 17 papers the other subject matter were published. Published papers dealt then with current and essential issues in the field of materials science and materials engineering, materials processing technology, manufacturing technologies, production organisation, management and cleaner production and also new research methods. It

is worth emphasising that the research subject matter concerning all groups of contemporary engineering materials taking into consideration both its chemical and phase composition (metals, ceramics, polymers and composites) and also the application (structural, tool, functional including those for electronics and optoelectronics, intelligent, nanocrystalline and biomimetic). The team of Authors and Co-authors of given papers counts as many as 906 persons coming from 36 countries. The greatest number, which is 202 Authors' teams come from Poland, 26 – from Slovenia, 18 – from Italy, 14 – from Czech Republic and 5 – either from Taiwan or USA, 4 – either from Bosnia and Herzegovina, Canada or Germany, and 3 Authors' teams come from Australia, Brazil, Serbia and Montenegro and the United Kingdom, 2 per each – from Algeria, Egypt, France, Romania, Slovakia, Turkey and Ukraine and one per each from Belgium, Belarus, Chile, Greece, Hungary, Macedonia, Malaysia, Portugal and Singapore. Among mentioned teams as many as 37 is represented by the Authors coming from 2 and in two cases even from 3 countries.

I am convinced that the work of all the Authors and also the whole Editorial Team and Editorial Board brought good results and the opinion that the level of published papers is high, that they have a very attractive graphic form and that the Journal belonged to the group of important editorial events in the World is shared in many places. The Journal has an ambition to create the conditions of scientific integration and the possibility of the presentation of scientific achievements on the international arena and fulfilling at the same time educational mission by a promotion of the newest scientific achievements for Authors and Readers. The Journal integrates at the same time a few important scientific disciplines: engineering materials, machine building and technology, mechanics, manufacturing techniques, surface engineering and industrial management making it in our believes specially awaited in the publication market. I would like to kindly thank all the Authors and other persons who contributed to the publication of the current annual of the Journal for their efforts. I do hope that the next year 2007 will bring the further development and successes of the Journal. I do count for it broader, further promotion in many countries, among others by members of the Editorial Board and Fellows of the Academy WAMME, and also active sponsoring by many subscribers, industrial environments and organisers of the international scientific conferences mattering in the World. I hope that by further active cooperation of Authors, Friends of the Journal (because it has already a big group of them) and numerous team of reviewers, members of editorial bodies, a team of graphics and printers we will manage to achieve those aims in order to fulfill important scientific, information and integration mission by our "Journal of Achievements in Materials and Manufacturing Engineering" in the field of materials and manufacturing engineering in the international scientific environment.



(17 and 18) published as special issues (with a CD-ROM) papers presented on the 14<sup>th</sup> International Scientific Conference on "Achievements in Mechanical and Materials Engineering AMME 2006" selected and positively reviewed by at least 2 reviewers each as in the case of all other volumes and issues were included.

The 2006 annual of "Journal of Achievements in Materials and Manufacturing Engineering" includes altogether 1776 pages consisting of 28 pages of covers, 54 editorial pages and 48 pages with indexes and other information. On the remaining 1646 pages 323 full-text and reviewed papers

Prof. Leszek A. Dobrzański, Dr H.C.

Editor-in-Chief of JAMME  
President of the World AMME

Gliwice in November 2006