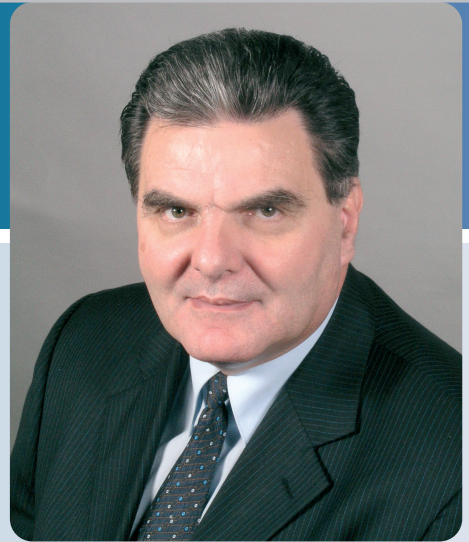


Editorial



In 1992 the Polish-wide Conference on Contemporary Achievements in Materials Science CAMS dedicated to the memory of Prof. Fryderyk Staub – a creator of the Silesian School of Physical Metallurgy 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 Universities of Technology, Lvov University of Technology, – was organised. For a quarter of a century he directed the Department of Physical Metallurgy of the Silesian University of Technology which traditions took successively created institutes; ca. 35 years ago: of Physical Metallurgy, and nearly 10 years ago the Institute of Engineering Materials and Biomaterials. The fruitful development of the second mentioned unit is connected also with the dynamic development of the international cooperation of that scientific institution. Thanks to that almost yearly the International Scientific Conferences of the successful series of AMME and CAMS are organised. During the last fourteen years the last one was transformed into a mattering worldwide event in which usually over 200 scientists from all over the World, usually from 30 countries participate. The similar attendance is expected also this year. During the last time the scope of that conference was transformed and developed and a today's name – the International Scientific Conference on Contemporary Achievements in Mechanics, Manufacturing and Materials Science comes from it, so that conference became the important ground of exchange of scientific experiences between those three broad engineering disciplines. As a main

venue of CAMS'2006 conference the winter capital of Poland – Zakopane was chosen. Usually in the last days of calendar autumn in Zakopane there are beautiful winter conditions what undoubtedly enables the connection of scientific and training experiences with the pleasure of downhill skiing on the slopes of

Kasprowy Wierch, Gubałówka or Szymaszkowa Clearing at the foot of which the Mercure Kasprowy Hotel – a conference venue is situated. There is winter in Poland also at the beginning of November that is in the time when I am writing those words. However, the conference will begin typically in the Main Hall of the Educational and Congress Centre of the Silesian University of Technology in Gliwice. The Opening Session with numerous participation of the staff of the Faculty of Mechanical Engineering of the Silesian University of Technology and Guests of the Faculty and of the Institute of Engineering Materials and Biomaterials – as the biggest internal unit of the Faculty and students gathered in a large number which the Occasional Session of the Students' Scientific Circles SOKÓŁ (what is an acronym of the Polish name of that event which means in English Falcon) is an important accompanying event of CAMS'2006 conference. The most important reason of the organisation of the Conference is a celebration of the anniversaries of three outstanding professors of the Silesian University of Technology – fellows of the World Academy of Materials and Manufacturing Engineering WAMME that is of: Professor Danuta Szewieczek – a many-year former Vice-Dean of Mechanical Engineering Faculty, Professor Andrzej Klimpel – a many-year former Vice-Rector of the Silesian University of Technology and Professor Ryszard Nowosielski – a present Vice-Dean of Mechanical Engineering

Faculty. On that occasion on behalf of the numerous group of co-workers and friends, and conference delegates and the Journal Readers, and my own I wish all the best, further scientific successes, joy and luck and many years of health. Friends, co-workers and other interested person and all CAMS'2006 Conference delegates were invited to participate in the special sessions dedicated to them on the solemn occasion of their jubilee under which they have taken chairmanships

Prof. Danuta Szewieczek – an honorary chairmanship of the session on Amorphous and Nanocrystalline Materials

Prof. Andrzej Klimpel – an honorary chairmanship of the session on Welding Technology and Materials

Prof. Ryszard Nowosielski – an honorary chairmanship of the session on Integrated and Sustained Materials Technologies.

Those occasional sessions will be organised as poster ones which accompany the Opening Session of the Conference in Gliwice. In Zakopane the main debates of the conference will take place in general and plenary sessions and also main poster ones. The CAMS'2006 conference 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 and workshops. The Organisers expect as each year that the Conference will gather many outstanding scientists from all over the world and Poland, from societies of materials, manufacturing and mechanical engineering coming from various areas giving the opportunity of the exchange of scientific experiences. It is also the great occasion for young PhD students beginning their scientific career to present the results of their researches. The Conference gives also the possibility of meeting foreign delegates in order to create numerous new networks and scientific projects and exchange of experiences with them for new achievements. I am convinced that it will happen similarly this year.

I wish all the Delegates the fruitful debates and time spent interestingly and nice in Poland and Zakopane. All papers submitted for CAMS'2006 conference and positively evaluated by reviewers will be published on the special CD-ROM including the Conference Proceedings. In the given Special Volume of Journal of Achievements in Materials and Manufacturing Engineering papers qualified for print after peer reviews are included. Some of submitted papers will be published in the next Regular Issues of the Journal. I hope that this Volume will be a valuable reading for PT Readers of the Journal.

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President of the World AMME
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Committees of CAMS'2006
Gliwice in November 2006

