

# Editorial



Yet in the volume 15 of our "Journal of Achievements in Materials and Manufacturing Engineering" I cited the words of a great philosopher and co-founder of the University in Berlin, Prof. Wilhelm Von Humbolt who

claimed: "The University is not made by its name". I added to that "surely the University is not made by a place, although of course rich equipment and also outstanding, wholly computerised and equipped in multimedia lecture- and classrooms are conducive to high quality of scientific research and a high level of didactics. The University and even Science is made by people". Then I emphasised the achievements of outstanding luminaries of science who grow up in each University society. It is them who as great Professors having outstanding scientific achievements, surrounded by the group of alumni create their own Scientific Schools and with their scientific input and other achievements are pride of their University and praise its name in the whole World. Nobody has doubts that from the amount and significance of such persons the scientific level of each of the Universities and Science in general depends. However, people of the University are also BSc, MSc and PhD students. It is just a student and especially a demanding, gifted, intelligent one - and there are a lot of such students in each University- is a first receiver and verifier of new outstanding discoveries, it is him who makes sometimes a very simple question forcing a professor to rethink theories propagated by him and sometimes even to verify assumptions of scientific researches made by him. Yet Lucius Annaeus Seneca Philosophus said "People learn themselves teaching others". Moreover, even not rarely the cardinal students' mistakes are inspiration to the exploration of interesting phenomena. As an example a student who in Japan instead of adding the necessary pinch of G.Natt's catalyzer to a container in which polymerisation took place as a result of his lack of knowledge poured the whole content of a jar and forced his Professor to the analysis of silver polymer substance created on surface which as it



## Congress of Students' Scientific Circles

current. The occasion for many discoveries is in fact an accident but a completely disoriented student can make such a situation. It can be said that a discovery of anything new requires unconventional thinking and it is a feature of young people. BSc, MSc and PhD students are repeatedly doers of arduous researches documenting new scientific theories. Surely their scientific input is not to be overestimated. They are the essence of each University.

In the Institute of Engineering Materials and Biomaterials of the Silesian University of Technology in Gliwice, Poland which is at the same time the seat of the World Academy of Materials and Manufacturing Engineering the great importance is attached to stimulate activities of students' scientific environment. It happens in the students' scientific circles a few of which there are in the Institute. They are very active and their achievements accompany the next scientific events of the World Academy WAMME. Only this year they organised the exposition of materialographic, numerous monothematic sessions named as

Days of Materials Science, Quality, Foundry, Computational Materials Science and Education, and numerous participated in the Congress of

Students' Scientific Circles (an acronym in Polish meaning in English "pedestal") presenting there a few dozen or so works made by them. In the framework of International OCSCO World Press the book series entitled "Works of Students' Scientific Circles" was begun. So far in the mentioned initiatives students of the Silesian University of Technology and other Polish scientific and didactic centres have participated, however we expect that at least a part of works will be prepared to be presented and published in English. I do encourage the fellows of the World Academy WAMME to stimulate their students to an active participation in those students' actions what will make their congresses the ground for the international exchange of experiences between students. At present students are preparing

the Occasional Session of Students' Scientific Circles "SOKÓŁ" (an acronym meaning in English "falcon") which will accompany the nearest International Scientific Conference CAM'S'2006. I think that this event will bring a lot of satisfaction to students and their professors. I wish them so with all of my heart.

The present issue includes among others chosen papers prepared for the International Scientific Conference CAM'S'2006. I am convinced that they will be interesting for PT Readers of our Journal AMME.

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Editor-in-Chief of JAMME  
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turned out conducted current, however weakly. As a result of that interest was a Nobel Prize given in 2000 to a Professor and his outstanding co-workers: A.J. Heeger, H. Shirakawa and A.G. MacDiarmid for working out polymers conducting