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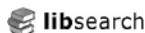
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Professor

Leszek A. Dobrzański M Dr hc
Editor-in-Chief of the AMSE
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Dear Readers,

I have a pleasure to recommend to PT Readers scientific papers presented in this issue of the Archives of Materials Science and Engineering. I hope that they will be interesting for you and I wish a nice reading and as always encourage PT Authors to publish their papers in next issues of our journal. At the moment I would like to invite you to Cracow, Poland, which is the second largest and one of the oldest cities in Poland, situated on the Vistula River Cracow has traditionally been one of the leading centres of Polish academic, cultural, and artistic life. It was the capital of Poland from 1038 to 1569 and the Polish-Lithuanian Commonwealth from 1569 to 1596. In 1978 UNESCO approved the Cracow's Historic Centre to the new World Heritage List. I would like to announce that on 23rd–26th June 2013 the 21st International Scientific Conference on "Achievements in Mechanical and Materials Engineering" AMME'2013 will be organised by the World Academy of Materials and Manufacturing Engineering WAMME in Cracow, Poland. In the Conference which will be accompanied by various other scientific events the participation of over 200 delegates is foreseen. I hope that you will have nicely and usefully spent time in one of the most beautiful European cities, full of historical monuments and at present one of the main scientific and economic centres in Poland. I invite to take part in AMME'2013 Conference and wish a nice stay in Poland.

The paper written by A. D. Dobrzańska-Danikiewicz, D. Łukowicz, D. Cichoński, W. Wolany on „Carbon nanotubes decorating methods” on a page 53 presents and characterises various methods of depositing carbon nanotubes with nanoparticles of precious metals, and the results of own works concerning carbon nanotubes coated with platinum nanoparticles.

The studies carried out with the HRTEM and SEM techniques have confirmed differences in morphology, homogeneity and density of depositing platinum nanoparticles on the surface of carbon nanotubes and its structure. The studies conducted pertained to the process of decorating carbon nanotubes with platinum nanoparticles. Further works aimed at extending the application scope of the newly developed methodology are planned to include the methods of nanotubes decorating with the nanoparticles of other precious metals (mainly palladium and rhodium) are planned. CNTs-NPs (Carbon NanoTube-NanoParticles) composites can be used as the active elements of sensors featuring high sensitivity, fast action, high selectivity and accuracy, in particular in medicine as cholesterol and glucose sensors; in the automotive industry for the precision monitoring of working parameters in individual engine components; in environmental conservation to examine CO₂, NO_x, and CH₄ concentrations and for checking leak-tightness and detecting hazardous substances in household and industrial gas installations.

