

## Patronage



Association of Computational  
Materials Science and Surface Engineering



World Academy of Materials  
and Manufacturing Engineering



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## Editorial

Today the second issue of the new journal of ACMSSE Archives is handed to P.T. Readers. ACMSSE Archives is an international forum and an authoritative source of information in the field of computational materials science and computational surface engineering. It gives a possibility to join multidisciplinary approaches, either empirical or theoretical, to the study of engineering materials in any particular field from nanoscopic to macroscopic scales and materials processing technologies and their surface engineering. The original scientific papers published in ACMSSE Archives deals with the application of computer-aided methods of modelling, simulation and prediction for designing new engineering materials and the technological processes of the manufacturing, processing and forming of their structure and properties in the whole volume and their surface and also the description of phase transformations and other phenomena appearing in those materials. The papers published in ACMSSE Archives include the description of problems requiring the application of computational materials science and computational surface engineering methodologies used for solving tasks in materials and surface engineering, industrial management and administration, and technical education. ACMSSE Archives serves also for the promotion and coordination of the developments in these fields and the communication between academic and research institutions and persons concerned with industrial research supported by practical application. ACMSSE Archives is addressed to the wide societies of research professionals, scientists, academics, engineers, policy-makers, managers and students in the field of materials science and engineering, materials processing technologies and surface engineering and research of the structure and chemical composition of engineering materials and application of computer-aided methods of modelling, simulation and prediction in this area. ACMSSE Archives is published under the scientific patronage of the Association of Computational Materials Science and Surface Engineering with the cooperation of the World Academy of Materials and Manufacturing Engineering. I am convinced that papers gathered in the given Issue of ACMSSE Archives will be interesting for the Readers and that ACMSSE Archives will gain fast its Readers. I wish then nice reading and would like invite for the cooperation.

Prof. Leszek A. Dobrzański Dr H.C  
Editor-in-Chief of the ACMSSE  
President of the WAMME  
President of the ACMSSE

Gliwice, in 2009