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Special Issue Information

Dear Colleagues,

   This issue contains selected papers from the 16th Conference on Computational Technologies in Engineering (TKI2022), held on October 18–21 2022 in Mrągowo, Poland. This conference is a continuation of a series of scientific and technological conferences, which so far includes "FEM Systems in Computer Aided Analysis Design and Production" and "Impact Resistance of Structures". The conference started in 1996, when the 1st Meeting of MSC Software Users took place at AGH University of Science and Technology in Krakow. The main organizer of the present conference is the Institute of Mechanics and Computational Engineering, Faculty of Mechanical Engineering, Military University of Technology in Warsaw, under the honorary patronage of the Rector-Commandant of the Military University of Technology, Col. Prof. Przemysław Wachulak.

   The main purpose of the conference is to enable scientists from universities, research institutes and industry to exchange their latest achievements concerning the application of computational technologies in the analysis, design and manufacture of materials, structures, processes and systems.

The TKI conference particularly focuses on the following topics: modeling and optimization methods, verification and validation methods in numerical simulations, computational technologies in bioengineering, the impact resistance of structures, experimental techniques, modeling of coupled problems, computer methods in fluid dynamics, constitutive modeling.

Grzegorz Sławiński and Piotr Kędzierski
Guest Editors

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