

Biographical Skech

TADEUSZ BURCZYŃSKI received PhD and Habilitation degree from Silesian University of Technology in Gliwice. He is full professor since 1993. He is Corresponding Member of Polish Academy of Sciences (PAS).

He was Head of the Institute of Computational Mechanics and Engineering, Silesian University of Technology in 1997-2013 and Head of the Institute of Computer Science, Cracow University of Technology in 2008-2013.

Since 1st December 2013 he has been Director of Institute of Fundamental Technological Research, Polish Academy of Sciences in Warsaw.

He is the President of Committee on Mechanics of PAS and Head of the Section of Computational Sciences of the Committee of Informatics of PAS.

He was President of the Polish Association for Computational Mechanics in 1999-2009. He is a member of General Council of IACM, Managing Board of ECCOMAS. He received the IACM Fellows Award and the Zienkiewicz Medal granted by PACM.

He established a scientific school in the field of the application of the boundary element method (BEM) to sensitivity analysis and optimization. He also developed original concepts of stochastic and fuzzy BEM for the analysis of systems with uncertain parameters.

He developed and applied computational intelligence systems based on biologically-inspired techniques and fuzzy systems in optimization and identification. Recently, he has elaborated an intelligent methodology for design in multi-scale modelling.

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