



Application Form for WFC Academic Committee Member

Personal Info.

Name: Rafał Dańko

Title: Professor

Affiliation: AGH University of Krakow, Faculty of Foundry Engineering

Nationality: Polish



Research Interest

My activities are focused in the following areas: a) Topics related to the design and tests of foundry machines and equipment; b) Problems related to the processes of thermal and mechanical reclamation of used molding sands; c) Model testing of mold and core production by means of blowing methods; d) Model testing of strength properties of molding and core sands; e) Advanced methods of the assessment of quality of molding and core sands; f) Study of the die casting process; g) Study of the dust granulation process; h) Topics related to the environmental protection problems in the foundry industry.

Main Achievements (<200 words)

I participated in 42 scientific and industrial projects, and I'm author and coauthor of 330 scientific papers published in China, USA, Great Britain, Germany, Croatia, Lithuania and Poland, as well as 5 books published in Poland and 1 book published in English by Springer Ed. House. I'm also coauthor of 10 patents concerning mostly the foundry machines and processes.

Current Occupation:

AGH University of Krakow - Vice Rector

Polish Foundrymen's Association (PFA) – President

World Foundry Organization – vice President