



Application Form for WFC Academic Committee Member

Personal Info.

Name: Dawid Myszka

Title: PhD DSc.

Affiliation: Warsaw University of Technology

Nationality: Poland



Research Interest

His scientific activity mainly involves work on cast iron production processes and heat treatment of iron alloys. For many years he has been working on developing new methods of manufacturing and testing austempered ductile iron, including the use of artificial intelligence. His areas of scientific interest are broader, as evidenced by his publications in the field of 3D printing, thermal analysis of metals and alloys, and surface engineering. They are created in inter-institutional and international academic teams and together with production companies. He is a leader of research projects and a reviewer and supervisor of many student and doctoral theses.

Main Achievements (<200 words)

He is the author or co-author of over 80 publications in peer-reviewed journals and over 50 articles included in conference proceedings and 2 patents. He prepared materials for 4 monographs in the field of iron alloy casting. Since 2000, he has led or participated in 16 research projects and has developed dozens of material expertises for industry. He is a member of many organizations and associations, including: World Foundry Organization, Polish Society of Materials Science, Foundry Commission of the Polish Academy of Sciences. He has appeared at numerous international conferences, presenting lectures at the largest forums in the world (e.g. World Tribology Congress, World Foundry Congress, European Congress and Exhibition on Advanced Materials and Processes EUROMAT), but he has also been invited to lectures commissioned by international institutions. He is the organizer of the international Modern Steels and Iron Alloys conference, which takes place periodically in Poland and gathers a group of the most outstanding scientists from around the world. It also actively cooperates with many enterprises, which are also places of internships and research work for students and PhD students of universities and research institutes.