



Application Form for WFC Academic Committee Member

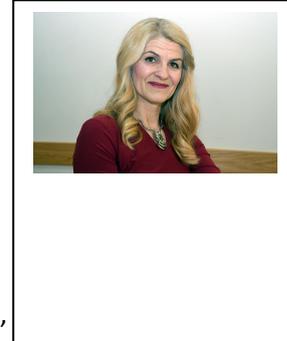
Personal Info.

Name: Zdenka Zovko Brodarac

Title: Full Professor

Affiliation: University of Zagreb Faculty of Metallurgy

Nationality: Croatian



Research Interest

Research interest: metal materials, foundry alloys, foundry technologies, application, alloy properties, thermodynamics, microstructure, optimization of processes, numerical simulation

Main Achievements (<200 words)

Prof. Zdenka Zovko Brodarac has been employed at the University of Zagreb Faculty of Metallurgy in Sisak since 2000. She is an (co)author of 26 scientific papers cited in tertiary publications, over 25 scientific papers cited in secondary publications and more than 100 papers presented at international scientific and professional conferences (<https://www.croris.hr/osobe/profil/2262>).

She is a project manager of Institutional project: Design and characterization of innovative engineering alloys, continuously since 2013 - and the European projects Center for Foundry Technology-SIMET (HR RC.2.2.10-0005) and (KK.011.1.02.0020 till 8.2.2023) and local project manager for VIRTULAB-Integrated laboratory for primary and secondary raw materials (KK.01.1.1.02.0022), financed by the EFRR. The projects ensure investment in the formation of excellent scientific infrastructure and improvement of scientific capacities for research, development and innovation (RDI) with the aim of development of materials and technologies in metallurgy.

She improves her professional competences by cooperating with business entities in the field of casting production, processing and application of metal materials. Recognisability is reflected in numerous expert reports for economic entities. She was awarded with 12 medals at international and domestic innovation exhibitions.

Scientific research and output work belongs to the field of process metallurgy, engineering alloys and foundry technology. Narrow focus of her scientific research is focused to the design, development and synthesis of new and/or innovative engineering alloys with improved properties, study of solidification processes and related thermodynamics, metal material properties characterization, methodology and casting technology of ferrous and non-ferrous alloys production, and process optimization in foundries.

She is a reviewer of international projects, and articles in high-ranking journals and international conferences.

Would you like to give a speech on 75th WFC?

YES



The 75th
**WORLD FOUNDRY
CONGRESS**

2024 **Oct. 25-30**
Deyang·China

Would you like to recommend any candidates to join the academic committee, or share excellent speeches or papers with us?

If I see someone is missing I will be happy to recommend.

Please send your application form (in Microsoft Word) and a personal photo in JPG or PNG with a high resolution (more than 300 dpi) to us before Nov. 30th 2023

Secretariat of the 75th WFC Organizing Committee

Li Shiyong / You Yi

TEL: +86 (24) 25877030/+86 (24) 25855793

Email: secretary@75wfc.com

Add: 17 South Yunfeng Street Tiexi District, Shenyang 110022, P.R. China

Website: www.75wfc.com