



Application Form for WFC Academic Committee Member

Personal Info.

Name: Natalia SOBCZAK

Title: Prof. Vice-President of the Polish Academy of Sciences

Affiliation: Institute of Metallurgy and Materials

Science – Polish Academy of Sciences

Nationality: Polish



Research Interest

Liquid metal engineering; liquid metal/ceramic interactions; high-temperature wetting and reactivity; metal matrix composites; ceramic matrix composite; joining dissimilar materials; liquid-assisted processes; non-ferrous alloys, cast iron, Ni superalloys; ultra-light materials

Main Achievements (<200 words)

- Corresponding member of the Polish Academy of Sciences (since 2022),
- Chair of the Cast Metal Matrix Composites Working Group of the WFO (since 2001),
- Member of the International Committees on High Temperature Capillarity (since 1994) and on Subsecond Thermophysics (since 2013),
- Polish representative in the executive committee of the Federation of European Materials Societies (2020-2023),
- Deputy Chairman of the Working Group on National Smart Specializations KIS8 "Multifunctional materials and composites with advanced properties, including nanoproceses and nanoproducts" at the Ministry of Development and Technology (since 2015)