



FACULTY OF
MECHANICAL ENGINEERING
AND SHIP TECHNOLOGY



Michał Bartmański, Ph.D. Eng.
Acting Head of the Department of Biomaterials Technology
Institute of Manufacturing and Materials Technology
Faculty of Mechanical Engineering and Ship Technology
Gdańsk University of Technology

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Biographical note

Michał Bartmański, Ph.D. Eng., is employed as an assistant professor and, as of June 2022, acting head of the Department of Biomaterials Technology at the Institute of Manufacturing and Materials Technology, Faculty of Mechanical Engineering and Ship Technology, Gdańsk University of Technology. He received his Ph.D. degree from the Faculty of Mechanical Engineering at Gdańsk University of Technology in 2019. Michał Bartmański's research area is primarily biomaterials surface engineering, mainly the deposition and characterization of chitosan and nanohydroxyapatite-based coatings on titanium alloys for long-term load-bearing implants, but also the application of injectable composite bone adhesives for fixing implants in bone. Michał Bartmański has been a contractor in two NCN projects, head of the NCN MINIATURA project, and is currently directing five projects under the Initiative for Excellence - Research University of Gdańsk University of Technology with a total funding value of just under 450 thousand PLN. His achievements include 48 peer-reviewed scientific publications, 36 of them from the JCR list with a total IF of 132 (Hirsch Index 12 according to WoS). He is co-author of two patent applications. He collaborates with Polish and foreign research centers, including Turku Clinical Biomaterials Centre in Finland. Promoter of 16 engineering theses, 6 master's theses and one doctoral dissertation as an assistant promoter. He is co-author of the academic book "Nanotechnologies in Medicine and Cosmetology". Laureate of the Gdańsk Scientific Society's award in the category of technical sciences in 2021 for a series of scientific publications "Composite coatings for titanium implants with high and long-lasting antibacterial effectiveness against hospital bacteria".