

Welcome to KFUPM

Dr. Tomasz Kwiatkowski

Assistant Professor

Mechanical Engineering Department

Affiliated with Interdisciplinary Research Center for Industrial Nuclear Energy



Education:

PhD. from the National Centre for Nuclear Research (NCBJ), Poland, 2023

Previous Institution:

NCBJ, Poland
Assistant Professor,
2023 - 2026

Research Profile (SCOPUS):

Total Citations: **106**

Total Journal Publications: **13**

H-index: **6**

Professional Interests:

Nuclear Engineering, Nuclear Safety, Turbulence Modelling, Computational Fluid Dynamics, Numerical Simulations, Risk Analysis, Innovative Nuclear Reactor Designs

About Dr. Kwiatkowski:

Dr. Kwiatkowski is a researcher with over 15 years of experience in nuclear energy, including R&D projects focused on advanced reactor technologies and research reactors. His expertise is centred on nuclear thermal-hydraulic simulations, and has led and conducted such analyses for the newly designed innovative high-temperature research reactor planned for construction at NCBJ, Poland. Dr. Kwiatkowski is a co-author of more than 40 technical reports and engineering design studies related to advanced reactor concepts, including high-temperature reactors (HTR) and the International Fusion Materials Irradiation Facility – Demo Oriented NEutron Source (IFMIF-DONES) project.