


Muc Adam

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Muc Adam. He has been working as an assistant professor since 2010. He started his scientific work at the Gdańsk University of Technology at the Faculty of Electrical Engineering in 2007. He defended his doctoral dissertation on modeling blood flow in the kidney using an electric circuit in 2008. In November 2009, he changed his job to the position of deputy director at KCE "Vademecum". He worked there until 2016. In 2010, he started working at the Polish-Japanese Academy of Information Technology at the Faculty of Computer Science. From October 2012 to September 2014, he was the manager of a project co-financed by the European Union under the European Social Fund entitled "Interdisciplinary academic staff for the development of a knowledge-based economy". In 2016, he started working at the Maritime University of Gdynia at the Faculty of Electrical Engineering and has been working there until now. In 2017, he was the deputy head of the Department of Maritime Automatics, and from 2019, he was the deputy dean for the organization of studies. He is a member or active participant in numerous commissions and committees. From 2021, a member of the organizing committee of the National Electronics Conference KKE, Examiner of the District Examination Commission in Gdansk. Expert at the Ministry of National Education (2017-2020) in the field of vocational education in an advisory capacity for the labor market, economy and education of the Operational Program Knowledge Education Development 2014-2020. He has been awarded awards and medals, e.g.: awards of JM Rector of UMG/AMG for scientific and research and teaching achievements of the 1st, 2nd and 3rd degree in the years: 2017, 2018, 2019, 2020, 2021, 2022; Medal of the Distinguished Sea Worker (2022); Medal of the National Education Commission (2020); bronze medal for long service (2018).

His main research interests are linked to the:

- Power electronic converters in marine and land applications,
- Conditioning and storage of electrical energy,
- Vibrodiagnostic studies of electric-mechanical objects,
- Application of electrical circuit analysis and synthesis methods for modelling selected parts of the circulatory system.

He was the author of a research book, more than one hundred research papers some of which were presented at national and international conferences, and others were published in relevant journals. He was the associate promoter of two PhD Thesis. He has also been involved with several research projects financed by different institutions and organizations. He has given lectures and laboratories to engineering and graduate students on electronics, power electronics, computer tools, operating systems and applications, computer programming, history of electrical engineering and electronics, embedded systems, CAD techniques, object-oriented programming, digital technology, etc.

He was the supervisor of more than 40 engineering theses and master's theses. Several of them were awarded prizes.

Additional Information:

- Member of the ICREPQ International Scientific Committee.
- RE&PQJ Scientific Committee Member.