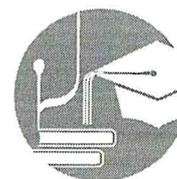




*The result of the mid-term assessment together with the justification*

*Wynik oceny śródkresowej wraz z uzasadnieniem*



for the period 01.10.2021 to 31.08.2023

**ADAM SAMORZEWSKI**

the doctoral student at PUT Doctoral School / doktorant Szkoły Doktorskiej PP

discipline of science / dyscyplina naukowa:

**information and communication technology / informatyka techniczna i telekomunikacja**

**The result of assessment / Wynik oceny**

Positive / Pozytywna*	Negative / Negatywna*
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**Justification / Uzasadnienie**

The final result of the Commission's evaluation is positive. Adam Samorzewski has clearly defined research objectives, a correctly formulated research hypothesis, and uses appropriate methods to prove it. His proposed dissertation topic: "Optimization of the use of resources in energy-autonomous base stations" correctly reflects the scope of the research conducted.

The committee has no objections to the timeliness of the tasks resulting from the Individual Research Plan. Adam Samorzewski published twelve papers, including articles in IEEE Wireless Communications Letters, Journal of Telecommunications and Information Technology, International Conference on Mobile Computing and Networking, GLOBECOM 2023.

The results achieved so far, published in the above-mentioned journals and conference proceedings, where they were subject to reviews, confirm the hypothesis of increasing the energy efficiency of wireless telecommunication systems, assuming their support by RES, as a result of the algorithms developed by him. The PhD student actively participated in scientific conferences, and presented the results of his work at 10 of them. Adam Samorzewski is actively involved in the work of an international team from the University of Ghent on the development of an extended radio network simulator.

**On behalf of the Commission / Za Komisję**

17/9/23  
Date

  
Legible signature of Head of Commission