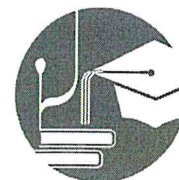


POZNAN UNIVERSITY OF TECHNOLOGY DOCTORAL SCHOOL



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

CEZARY ADAMCZYK

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. Cezary Adamczyk has a clearly defined research goal, which is to develop a method of interoperability of control systems for the operation of O-RAN networks. The PhD student has presented a correctly formulated research hypothesis, and has planned to use appropriate methods to prove it. The area of O-RAN systems chosen by Cezary Adamczyk for further research concerns the optimization of the operation of Radio Intelligent Controllers (RICs) and methods for optimizing cooperation between them. The new elements of O-RAN architecture and control algorithms proposed by him have produced results that have been recognized by reviewers of both journals and conferences - the PhD student has co-authored 2 publications for 200 points. In total, he has published seven papers, including articles in IEEE Communications Magazine and the IEEE INFOCOM conference. Cezary Adamczyk actively participated in scientific conferences, and presented the results of his work at six of them. The committee has no objections to the timeliness of the tasks resulting from the Individual Research Plan. Slight differences have been fully justified by the student. As declared, the current plan for submission of the dissertation remains the same as declared in the IRP, i.e. September 2025.

On behalf of the Commission / Za Komisję

17/01/23
Date

Legible signature of Head of Commission