



# 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 01.10.2019 to 31.08.2021*

Jakub Suder

the Doctoral Student at PUT Doctoral School / Doktorant Szkoły Doktorskiej PP

discipline of science / dyscyplina naukowa: automation, electronics and electrical engineering /  
automatyka, elektronika i elektrotechnika

#### The result of assessment / Wynik oceny

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

The research of Mr Jakub Suder, M.Sc. covers some aspects of so-called field robotics and concerns the issue of perception and detection of events in structured environments. The research topic is innovative and takes advantage of AI methods in solving the complex problem of monitoring of an environment using a spatial-temporal model. Experimental studies planned in a real environment are important in his research. This is worth appreciating because conducting them is usually difficult and requires a lot of engineering work.

By the date of the mid-term evaluation (17.09.2021), the PhD student has completed almost all planned tasks, which according to the Individual Education Program (IEP) represents 50% of the completed doctoral work. In the report on the work carried out, the PhD student indicates slight deviations in the work plan which are minor. However, according to the Committee members, the plan should be modified carefully in order to address more precisely the main topic of the research in the next two-year period.

According to the Committee, the degree of progress of the work is adequate to the programme and schedule in the IEP provided for the first two years of education. Mr Jakub Suder, M.Sc. has so far published two co-authored papers in journals (one paper from the JCR), and two conference papers.

To summarize, Mr Jakub Suder, M.Sc. has demonstrated that he, for the most part, has completed the tasks envisaged for implementation in the IEP. Certain deviations from the assumed plan are minor and already addressed, however, the plan should be updated to enable the completion of research at the beginning of the year 2023.

All members of the Committee express a positive opinion on the activity of Mr Jakub Suder, M.Sc.

On behalf of the Commission / Za Komisję

.....17.09.2021.....  
Date

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Legible signature of Head of Commission