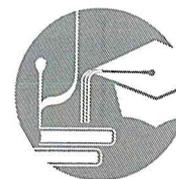




POZNAN UNIVERSITY OF TECHNOLOGY DOCTORAL SCHOOL

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

Wynik oceny śródkresowej wraz z uzasadnieniem



for the period 14.12.2021 to 13.11.2023

YONGQIANG FU

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

discipline of science / dyscyplina naukowa:
chemical sciences / nauki chemiczne

The result of assessment / Wynik oceny

Positive / Pozytywna*	Negative / Negatywna*
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Justification / Uzasadnienie

The subject matter of Mr. Yongqiang Fu's PhD thesis is interesting and may ultimately contribute to the expansion of knowledge in the PhD student's scientific discipline - chemical sciences. The main expected result is the possibility of preparation of nanocomposites of metal oxide-conducting polymers possess exceptional light-absorbing capabilities within the visible light spectrum. In recent years, research of the use of visible light activated metal oxide-conductive polymer nanocomposites as photocatalysts has received widespread attention.

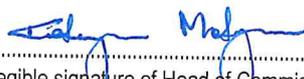
The Doctoral student has prepared a scientific report citing the most relevant results obtained during his research to date. The results and achievements correspond well with the conclusions drawn so far.

The project is ambitious and innovative, although its present advancement is slightly delayed with respect to the schedule. The delay is largely due to problems with reproducing the literature results. To circumvent it, Commission suggests seeking for additional advice of experts in the field of conducting polymers. In Commission's opinion establishing a standard experimental protocol of nanoparticle-polymer composites to be employed in the subsequent studies should have the highest priority in the nearest experimental plans. Once the protocol is established, the scheduled work should continue without further delays. As soon as it happens the Doctoral student should be able to start disseminating his results in the form of journal publications and conference papers.

The presentation of the results during the committee work was good, thoughtful, and carefully prepared. The Doctoral student has a very good understanding of the issues presented. The only issue that remains questionable is the lack of publications and other scientific activity at the moment during the mid-term evaluation (Doctoral student informed the Commission that the publication sent to the journal Crystals had been accepted). The reasons for the discrepancies were explained by the Doctoral Student and were accepted by the Commission as valid. In view of the very good cooperation between the Doctoral student and the Supervisor, the Commission considered that the dissertation should be completed on time (09/2025).

On behalf of the Commission / Za Komisję

.....22.11.2023.....
Date


.....
Legible signature of Head of Commission

* delete as appropriate / niepotrzebne skreślić