

**Uchwała Nr 8/2024**  
Rady Dyscypliny Naukowej Informatyka  
z dnia 12 kwietnia 2024 r.

**w sprawie wyróżnienia rozprawy doktorskiej**

Na podstawie § 13 ust. 4 uchwały Nr 131/2019 Senatu Uniwersytetu Wrocławskiego z dnia 25 września 2019 r. w sprawie trybu postępowania w sprawach o nadanie stopni naukowych doktora i doktora habilitowanego w Uniwersytecie Wrocławskim (z późn. zm.), Rada Dyscypliny Naukowej Informatyka uchwala, co następuje:

§ 1. Uznaje się rozprawę doktorską Pana mgr. Piotra Ostropolskiego-Nalewaji pod tytułem: „*Chasing the chase: The chase as a tool of database theory*”, za wyróżniającą.

Uzasadnienie

Recenzenci prof. Carsten Lutz, prof. Andreas Pieris oraz prof. Filip Murlak wysoko oceniają dorobek naukowy przedstawiony w rozprawie doktorskiej.

Najistotniejsze indywidualne opinie można znaleźć w poniższych fragmentach recenzji:

*"I consider the presented PhD thesis to be very strong. It consists of six very substantial articles, each of them published at a highly regarded international conference, and each of them addressing an interesting and relevant problem. This is significantly more than what one would expect from an average PhD thesis. In addition, several of the presented articles are mathematically exceptionally strong; in particular, this is the case for the publications that establish undecidability of determinacy for regular path queries and unions of conjunctive path queries. I emphasize again that these results close long-standing open problems in the area. Also the introductory part is well-written and a pleasant read that prepares (as much as possible) for the technical constructions in the articles in the main part. There is nothing left to be desired here.*

*I warmly recommend the thesis to receive the predicate "with distinction"."*

**(prof. Carsten Lutz)**

*"This is an outstanding doctoral thesis. The latter statement is justified by the excellent list of publications that comes with the thesis. In particular, the results on the ontologymediated query answering problem have been published in a series of three papers appeared in the proceedings of the top conferences in Artificial Intelligence (IJCAI) and database theory (PODS). Moreover, the results on the determinacy problem have been published in a series of three papers appeared in the proceedings of the top conferences in logic (LICS) and database theory (PODS and ICDT). A thesis that produced six papers appeared in the proceedings of top conferences is indeed exceptional. Concerning the thesis itself, I found the informal introduction very useful. It introduces and explains in a gentle and understandable way the main concepts and results of the thesis; it was really a pleasure to read. I appreciate the fact that the main ideas and observations underlying the technical proofs have been explained and illustrated via intuitive explanations and examples. I can confirm that the obtained results are novel and highly non-trivial that advance our knowledge on important database problems. Moreover, the fact that all those results have been obtained by using a classical tool from database theory, that is, the chase, is indeed very elegant and it justifies even further the importance and relevance of the chase procedure.*

*Summing up, I am impressed by the technical depth of the obtained results and it is absolutely fair to say that this is one of the strongest (if not the strongest) doctoral thesis that I have reviewed in my career."*

**(prof. Andreas Pieris)**

§ 2. Uchwała wchodzi w życie z dniem podjęcia.

Przewodniczący RDN Informatyka

Prof. dr hab. Jerzy Marcinkowski