

Evaluation of Aida Meiramova's doctoral dissertation according to the proposed criteria by Balázs Berlinger

The doctoral dissertation is dealing with a current problem and using novel scientific approaches. The topic is of great importance both scientifically and socially, primarily due to the large involvement of citizens and the size and severity of the expected effects.

The candidate reviewed the scientific literature to a high standard and comprehensively. The processing includes the most important scientific backgrounds related to the topic. The discussion of the backgrounds contains analytical and critical formulations; it also discusses gaps, bottlenecks and challenges to be solved.

When formulating the research objectives, the candidate sets the objectives to be achieved based on already known scientific results.

The chosen experimental methods are suitable for examining the subjects stated in the objectives, the methods are state-of-the-art and reliable.

Many tables and figures are used to present the results. During the statistical evaluation, the candidate uses mainly averages and standard deviations, which is appropriate for these results.

The conclusions drawn from the results seem correct.

The candidate compares his own results with the literature.

The publication activity of the candidate is related to the PhD thesis.

I recognize the results described in the thesis points as new.

The structure and division of the doctoral dissertation is appropriate, although the candidate could have divided the results and their discussion into two chapters. The use of one chapter: "Results and discussion" also has its advantages.

The figures and the tables of the dissertation are clear. The use of boxplots could have been considered, but not absolutely needed.

The placement and formatting of the literature references are regular, and consistent.

The wording is clear, the text is easy to read and easy to follow. The candidate uses proper English and the language is easy to understand.

The external appearance of the thesis is adequate.

I recommend the doctoral dissertation for acceptance.

Budapest, 06.05.2024.



Balázs Berlinger, PhD