Skoltech
Skolkovo Institute of Science and Technology

Jury Member Report – Doctor of Philosophy thesis.

Name of Candidate: Aleksandra Burashnikova

PhD Program: Engineering Systems

Title of Thesis: Large-scale sequential learning for recommender and engineering systems

Supervisors: Assistant Professor Yury Maximov, Skoltech

Professor Massih-Reza Amini, Grenoble Alpes University

Name of the Reviewer:

I confirm the absence of any conflict of interest (Alternatively, Reviewer can formulate a possible conflict)	**Date: 10-06-2022**

The purpose of this report is to obtain an independent review from the members of PhD defense Jury before the thesis defense. The members of PhD defense Jury are asked to submit signed copy of the report at least 30 days prior the thesis defense. The Reviewers are asked to bring a copy of the completed report to the thesis defense and to discuss the contents of each report with each other before the thesis defense. *If the reviewers have any queries about the thesis which they wish to raise in advance, please contact the Chair of the Jury.*
Reviewer's Report
1. Brief evaluation of the thesis quality and overall structure of the dissertation. The quality of the Thesis is very good and its structure is at the expected standards needed to be satisfied for the formal Thesis defense. 2. The relevance of the topic of dissertation work to its actual content The topic selected is timely and important for different types of applications. The application selected, fault location in transmission networks is a proof that the method presented has a good potential to be practically applied. 3. The relevance of the methods used in the dissertation The methods used are novel, modern, belonging to the group of approaches which could be applied for solving problems from different disciplines.

4. The scientific significance of the results obtained and their compliance with the international level and current state of the art

   The results obtained are at a very good international level. They have been recognized as appropriate (see the list of publications, resulted from the Thesis)

5. The relevance of the obtained results to applications (if applicable)

   The candidate has good results which could be further improved and published in international Q1 journals. For example, those results from Section VI, in which the fault location method is presented.

6. The quality of publications

   The publications are presented in high-impact conferences.

The summary of issues to be addressed before/during the thesis defense – NA.

Provisional Recommendation

☒ *I recommend that the candidate should defend the thesis by means of a formal thesis defense*

☐ *I recommend that the candidate should defend the thesis by means of a formal thesis defense only after appropriate changes would be introduced in candidate's thesis according to the recommendations of the present report*

☐ *The thesis is not acceptable and I recommend that the candidate be exempt from the formal thesis defense*