

Jury Member Report – Doctor of Philosophy thesis.

Name of Candidate: Daniil Kononenko

PhD Program: Computational and Data Science and Engineering

Title of Thesis: Gaze redirection in Images Using Machine Learning.

Supervisor: Professor Victor Lempitsky

Chair of PhD defense Jury: Professor Maxim Fedorov

Email: m.fedorov@skoltech.ru

Date of Thesis Defense: October , 2017

Name of Reviewer:

I confirm the absence of any conflict of interest (Alternatively, Reviewer can formulate a possible conflict)	Signature: Date: 16 Oct 2017
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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 forward a completed copy of this report to the Chair of the Jury 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

Overall, I think that this work deserves to be considered as a PhD thesis in Skoltech.

My main questions are

- i) How the methods from this work can be extended to other similar problems.
- ii) How these methods can be developed further?
- iii) Overall, what is the fundamental impact of the work (in terms of making impact on the specific areas of research = image resynthesis).

These comments are, however, more of 'philosophical' nature and should not delay the PhD viva.

Provisional Recommendation

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

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