

Response to Editor Review, Manuscript No. WES-2018-22

Dear associate Editor of WES, Mingming Zhang,

Thank you for carefully reading our manuscript as well as our response to the referee reports. We have put much effort on revising and adapting the text to the comments and suggestions by the referees. Therefore, we appreciate your feedback that our manuscript needs only minor revision.

In particular, you raised two points that we fully incorporated into our manuscript:

1. *Please describe a little bit about the accuracy of IRT.*

Since the resubmission of our revised manuscript, we found a recently published paper of Dollinger et al. on the accuracy of IRT in the context of flow visualization. The main finding of Dollinger's work is that IRT as a method is accurate into the subpixel range while inherent unsteadiness of the flow is the main error source. We included these findings into the introduction of our manuscript.

2. *Please describe a little bit about constraints in the blade surface defects.*

Following your remark, we have emphasized current constraints of our method in the concluding remarks of our new version of the manuscript.

Thanks to comments of you and the referees we are now confident that the quality of the article has been significantly improved to be announced to the wind energy community.

Yours sincerely,

The authors