

Interactive comment on “Full scale deformation measurements of a wind turbine rotor in comparison with aeroelastic simulations” by Stephanie Lehnhoff et al.

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The authors present a method using image processing for tip deformation tracking. As stated this is an important design channel for very flexible large turbine blades.

Validation of a proposed method is presented and promising results indicate that this can be used as an alternative to other deformation tracking methods.

Issues regarding torsion tracking are discussed and next steps are suggested. One of the limitations for the present method and implementation towards practical application is storage of images as it significantly limits the usability of the method. A single 10min

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period as used in the present work, is too little for full design evaluation. However, principals of the method are sufficiently validated and well described and I recommend the work for publication.

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