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## DISCUSSION

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The authors are to be congratulated for this excellent experimental work developed at DFVLR.

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It appears from the experimental setup that the laser beams follow a radial path and, therefore, no radial components of velocity can be measured. A discussion by the authors would be welcome on the way this lack of information on the radial velocities affects the accuracy of velocities and, in particular, of flow angles.

With regard to the comparison with through-flow methods, the authors stress the important problem of the distribution of losses and flow turning through the blade. Clearly, the linear distribution doesn't seem to reproduce correctly the measured data inside the blade region, and it would be interesting to know if other assumptions have been tested and, if so, what the results were.