

Accepted Manuscript

The generation of turbulent inflow boundary conditions using precursor channel flow simulations

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PII: S0045-7930(17)30231-1
DOI: [10.1016/j.compfluid.2017.06.020](https://doi.org/10.1016/j.compfluid.2017.06.020)
Reference: CAF 3525



To appear in: *Computers and Fluids*

Received date: 26 August 2016
Revised date: 13 April 2017
Accepted date: 21 June 2017

Please cite this article as: T. Mukha, M. Liefvendahl, The generation of turbulent inflow boundary conditions using precursor channel flow simulations, *Computers and Fluids* (2017), doi: [10.1016/j.compfluid.2017.06.020](https://doi.org/10.1016/j.compfluid.2017.06.020)

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Highlights

- A complete procedure using channel flow for inflow generation is proposed.
- The procedure has several potential advantages over state-of-the art methods.
- Method assessed with respect to practical data handling, and predictive accuracy.
- Evaluated by WRLES of a TBL, and comparison with performance of a recycling method.
- The adaption length of the generated TBL is investigated in detail.

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