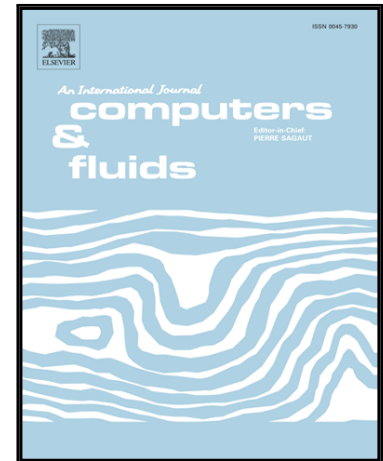


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High-Resolution LES of a Starting Jet

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Highlights

- A high-resolution large eddy simulation of an impulsively started jet is presented.
- Time dependent penetration length matches experiments and theory.
- Sensitivity to not measured parameters affecting results was analyzed.
- Scalar dissipation rate PDFs follow a log-normal one.
- Lowest scalar dissipation rates are found in the vortex core.

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