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Direct numerical simulation of bi-disperse particle-laden gravity currents in the channel configuration

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Highlights

- Direct numerical simulation of bi-disperse particle-laden gravity currents;
- 2D and 3D simulations in the lock-exchange configuration;
- Full computation of kinetic, potential and dissipative terms of the energy balance;
- Influence of the different initial proportion of fine and coarse particles.
- Computation of important quantities of interest for geophysics.

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