

1. Chalmoukis I.A. and Dimas A.A. "Large-eddy Simulation of Turbulence Characteristics of Oscillatory Flow Over 3-D Vortex Ripples", Proceedings of the Twenty-seventh (2017) International Off shore and Polar Engineering Conference, San Francisco, CA, USA, June 25-30, 2017, pp. 1176-1183.
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3. Chalmoukis I.A. and Dimas A.A. "Numerical simulation of oblique oscillatory flow over bed ripples using the immersed boundary method", 8th GRACM International Congress on Computational Mechanics, Volos (Greece), 12-15/07/2015.
4. G. Oyarzun, R. Borrell, F.X. Trias and A. Oliva. "Memory Aware Poisson Solver for Peta-Scale Simulations with one FFT Diagonalizable Direction", 2017 International Conference on High Performance Computing & Simulation (HPCS), IEEE Xplora, pp. 101-108.DOI: 10.1109/HPCS.2017.26
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6. Monsorno, D., Varsakelis, C. and Papalexandris, M.V., "A nonlinear description of the viscosity and dilatancy of granular suspensions", 69th Annual APS DFD Meeting, Portland, 20-22 November 2016.
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13. Fonias, E and Grigoriadis, D.G. (2016): "Effect of turbulent pulsating flow around a near-wall submerged cylinder on the potential motion of bed and suspended loads", Proceedings of the Twenty- sixth International Offshore and Polar Engineering Conference, ISOPE, 26 June- 2 July, Rhodes, Greece.
14. Fonias, E and Grigoriadis, D.G. (2015): "Large Eddy Simulation of Sediment Transport for

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16. Frantzis C, Grigoriadis D. Efficient pressure-correction method for interfacial tracking appropriate for the Immersed Boundary method. DLES 11, Pisa. May 2017.
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18. Mendes, L; Antico, F.; Carona, D; Aleixo, R. and Ferreira, R.M.L. A pressure-based impact and PTV methods evaluation for bedload transport measurements. HydroSenSoft 2017, Madrid, Spain.
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20. Paone T., R.M.L. Ferreira, A.H. Cardoso & V. Armenio. 2016. Numerical investigation on the effect of suspended sediment load on flow field around a cylinder, ISRS 2016, Stuttgart, Sept. 19-22.
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