

Alexey Shmidt



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Current Position Associated Professor

Research Interests Mathematical modelling, Turbulence

Education and Academic Degrees

- 2001 — Institute of Computational Modelling SB RAS, Ph.D. in Mathematics

Professional Career

- 2001–2020 — Institute of Computational Modelling SB RAS, Research Associate,

Recent Publications

- 2020 — Shmidt A.V. Similarity in the far swirling momentumless turbulent wake // Journal of Siberian Federal University. Mathematics & Physics, 2020, 13(1), P. 1-8
- 2019 — Shmidt A.V. Self-similar solutions of the $k-\omega$ model for a turbulent far wake // Fluid Dynamics, 2019, 54(2), P. 239-243
- 2015 — Shmidt A.V. Self-similar solution of the problem of a turbulent flow in a round submerged jet // Journal of Applied Mechanics and Technical Physics, 2015, 56(3), P. 414-419
- 2015 — Kaptsov O.V., Shmidt A.V. Three-dimensional semi-empirical model of the far turbulent wake // Journal of Applied Mathematics and Mechanics, 2015, 79(5), P. 459-466

Projects

- 2017–2019 — project RFBR No. 17-01-00332
- 2013–2015 — project RFBR No. 13-01-00246

Conferences

- 2019 — XXIII International science and research conference “Reshetnev readings”, Krasnoyarsk, Russia
- 2018 — XXII International science and research conference “Reshetnev readings”, Krasnoyarsk, Russia
- 2017 — All-Russian conference with international participation "Modern problems of continuum mechanics and explosion physics" dedicated to the 60th anniversary of Lavrentyev Institute of Hydrodynamics SB RAS, Novosibirsk, Russia
- 2017 — XXI International science and research conference “Reshetnev readings”, 08-11 November 2017, Krasnoyarsk, Russia
- 2016 — XX International science and research conference “Reshetnev readings”, 09-12 November 2016, Krasnoyarsk, Russia
- 2015 — XIX International science and research conference “Reshetnev readings”, 10-14 November 2015, Krasnoyarsk, Russia

Grants

- 2014 — Grant of Leading Scientific Schools, 4382.2014.1
- 2012 — Grant of Leading Scientific Schools, 544.2012.1