

Journal Papers

- Hasert, Manuel, Kannan Masilamani, Simon Zimny, Harald Klimach, Jiaying Qi, Jörg Bernsdorf, and Sabine Roller. “Complex fluid simulations with the parallel tree-based Lattice Boltzmann solver Musubi”. In: *Journal of Computational Science* 5.5 (Sept. 2014), pp. 784–794. ISSN: 1877-7503. DOI: 10.1016/j.jocs.2013.11.001.
- Zimny, Simon, Bastien Chopard, Orestis Malaspinas, Eric Lorenz, Kartik Jain, Sabine Roller, and Jörg Bernsdorf. “A Multiscale Approach for the Coupled Simulation of Blood Flow and Thrombus Formation in Intracranial Aneurysms”. In: *Procedia Computer Science* 18 (2013). 2013 International Conference on Computational Science, pp. 1006–1015. ISSN: 1877-0509. DOI: 10.1016/j.procs.2013.05.266.

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- Zimny, Simon, Kannan Masilamani, Kartik Jain, and Sabine Roller. “Lattice Boltzmann Simulations On Complex Geometries”. In: *Sustained Simulation Performance 2013*. Ed. by Michael Resch, Yevgenia Kovalenko, Eric Focht, Wolfgang Bez, and Hiroaki Kobayashi. Springer International Publishing, 2013, pp. 49–62. ISBN: 978-3-319-01439-5. DOI: 10.1007/978-3-319-01439-5_4.
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