

Other Peer Reviewed Papers

- Harlacher, Daniel F., Manuel Hasert, Harald Klimach, Simon Zimny, and Sabine Roller. “Tree Based Voxelization of STL Data”. In: *High Performance Computing on Vector Systems 2011*. Ed. by Michael Resch, Xin Wang, Wolfgang Bez, Erich Focht, Hiroaki Kobayashi, and Sabine Roller. Springer Berlin Heidelberg, 2012, pp. 81–92. ISBN: 978-3-642-22244-3. DOI: 10.1007/978-3-642-22244-3_6.
- Harlacher, Daniel F., Harald Klimach, Sabine Roller, Christian Siebert, and Felix Wolf. “Dynamic Load Balancing for Unstructured Meshes on Space-Filling Curves”. In: *Parallel and Distributed Processing Symposium Workshops PhD Forum (IPDPSW), 2012 IEEE 26th International*. May 2012, pp. 1661–1669.
- Harlacher, Daniel F., Sabine Roller, Florian Hindenlang, Claus-Dieter Munz, Tim Kraus, Martin Fischer, Koen Geurts, Matthias Meinke, Tobias Klühspies, Volker Metsch, and Katharina Benkert. “Highly Efficient and Scalable Software for the Simulation of Turbulent Flows in Complex Geometries”. In: *High Performance Computing in Science and Engineering '11*. Ed. by Wolfgang E. Nagel, Dietmar B. Kröner, and Michael M. Resch. Springer Berlin Heidelberg, 2012, pp. 289–307. ISBN: 978-3-642-23869-7. DOI: 10.1007/978-3-642-23869-7_22.
- Roller, Sabine, Jörg Bernsdorf, Harald Klimach, Manuel Hasert, Daniel Harlacher, Metin Cakircali, Simon Zimny, Kannan Masilamani, Laura Didingler, and Jens Zudrop. “An Adaptable Simulation Framework Based on a Linearized Octree”. In: *High Performance Computing on Vector Systems 2011*. Ed. by Michael Resch, Xin Wang, Wolfgang Bez, Erich Focht, Hiroaki Kobayashi, and Sabine Roller. Springer Berlin Heidelberg, 2012, pp. 93–105. ISBN: 978-3-642-22244-3. DOI: 10.1007/978-3-642-22244-3_7.