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- [3] S. Atre, C. Taylor, P. Diehl, and H. Kaiser. Closing a Source Complexity Gap between Chapel and HPX. *arXiv preprint arXiv:2502.07258*, 2025, 2502.07258.
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Invited talks and Presentations

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- [2] P. Diehl. Asynchronous-Many-Task Systems: Challenges and Opportunities Scaling an AMR Astrophysics Code on Exascale machines using Kokkos and HPX. Algorithms For Multiphysics Models In The Post-Moore's Law Era, 02.06-13.06 2025, Los Alamos, USA.
- [3] P. Diehl. Asynchronous-Many-Task Systems: Challenges and Opportunities Scaling an AMR Astrophysics Code on Exascale machines using Kokkos and HPX. Salishan Conference on High Speed Computing, 22.04-25.04 2025, Lincoln Beach, USA.
- [4] P. Diehl. The Journal of Open Source Software: Developing a Software Review Community. Computer Science Seminar Series at Argonne National Laboratory, 12.11 2024, Virtual event.
- [5] P. Diehl. Kokkos Pitch. US-RSE Community Call, 12.09 2024, Virtual event.
- [6] P. Diehl. Is RISC-V ready for HPC workloads? (random access talk). Salishan Conference on High Speed Computing, 22.04-25.04 2024, Lincoln Beach, USA.
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