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Ph.D. Student in Computer Science, admitted Autumn 2021

Publications

PUBLICATIONS

- **REPTILE: Performant Tiling of Recurrences** *PROCEEDINGS OF THE ACM ON PROGRAMMING LANGUAGES-PACMPL*
Tariq, M., Sundram, S., Kjolstad, F.
2025; 9 (OOPSLA2)
- **Composing Distributed Computations Through Task and Kernel Fusion**
Yadav, R., Sundram, S., Lee, W., Garland, M., Bauer, M., Aiken, A., Kjolstad, F., ACM
ASSOC COMPUTING MACHINERY.2025: 182-197
- **Compiling Recurrences over Dense and Sparse Arrays** *PROCEEDINGS OF THE ACM ON PROGRAMMING LANGUAGES-PACMPL*
Sundram, S., Tariq, M., Kjolstad, F.
2024; 8 (OOPSLA)
- **Revet: A Language and Compiler for Dataflow Threads**
Rucker, A. C., Sundram, S., Smith, C., Vilim, M., Prabhakar, R., Kjolstad, F., Olukotun, K., IEEE Comp Soc
IEEE COMPUTER SOC.2024: 61-74
- **Task Fusion in Distributed Runtimes**
Sundram, S., Lee, W., Aiken, A., IEEE
IEEE COMPUTER SOC.2022: 13-25