

Human Computer Interaction

Paper	Poursabzi-Sangdeh, F., Goldstein, D. G., Hofman, J. M., Wortman Vaughan, J. W., & Wallach, H. (2021, May). Manipulating and measuring model interpretability . In Proceedings of the 2021 CHI conference on human factors in computing systems (pp. 1-52)
Venues	<ul style="list-style-type: none">• AAAI/ACM Conference on Artificial Intelligence, Ethics, & Society• ACM Conference on Fairness, Accountability, and Transparency• ACM CHI Conference on Human Factors in Computing Systems

Programming Languages

Papers	<ul style="list-style-type: none">• Todd Mytkowicz, Amer Diwan, Matthias Hauswirth, and Peter F. Sweeney. 2009. Producing wrong data without doing anything obviously wrong! In Proceedings of the 14th international conference on Architectural support for programming languages and operating systems (ASPLOS XIV). Association for Computing Machinery, New York, NY, USA, 265–276. https://doi.org/10.1145/1508244.1508275• Charlie Curtsinger and Emery D. Berger. 2018. Coz: finding code that counts with causal profiling. Communications of the ACM 61, 6 (June 2018), 91–99. https://doi.org/10.1145/3205911
Venues	<ul style="list-style-type: none">• PLDI• OOPSLA• ASPLOS

Systems

Paper	
Venues	<ul style="list-style-type: none">• OSDI• SOSP• USENIX ATC

Algorithms

Paper	<ul style="list-style-type: none">• Daniel D. Sleator and Robert E. Tarjan. 1985. Amortized efficiency of list update and paging rules. <i>Communications of the ACM</i> 28, 2 (Feb. 1985), 202–208. https://doi.org/10.1145/2786.2793• William Kuszmaul and Charles E. Leiserson. 2021. Floors and Ceilings in Divide-and-Conquer Recurrences. <i>Symp. on Simplicity in Algorithms</i>. 133-141.• Erik D. Demaine, Dion Harmon, John Iacono, Daniel Kane, and Mihai Pătraşcu. 2009. The geometry of binary search trees. In <i>Proceedings of the twentieth annual ACM-SIAM symposium on Discrete algorithms (SODA '09)</i>. Society for Industrial and Applied Mathematics, USA, 496–505. Talk• Kuszmaul, William. Train Tracks with Gaps. <i>10th International Conference on Fun with Algorithms (FUN 2021)</i>. Schloss Dagstuhl-Leibniz-Zentrum für Informatik, 2020.
Venues	<ul style="list-style-type: none">• Symposium on Simplicity in Algorithms• Fun with Algorithms

Natural Language Processing

Paper	<ul style="list-style-type: none">• Ji, Anya, et al. Abstract Visual Reasoning with Tangram Shapes. <i>EMNLP</i> (2022).• Ouyang, Long, et al. Training language models to follow instructions with human feedback. <i>arXiv preprint arXiv:2203.02155</i> (2022).
Venues	<ul style="list-style-type: none">• ACL• EMNLP• NAACL• NeurIPS• ICLR

Machine Learning

Paper	<ul style="list-style-type: none">• Ouyang, Long, et al. Training language models to follow instructions with human feedback. <i>arXiv preprint</i>
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	<i>arXiv:2203.02155 (2022).</i>
Venues	<ul style="list-style-type: none"> • NeurIPS • ICLR

File Systems

Paper	<ul style="list-style-type: none"> • Keith A. Smith and Margo I. Seltzer. 1997. File system aging—increasing the relevance of file system benchmarks. In Proceedings of the 1997 ACM SIGMETRICS international conference on Measurement and modeling of computer systems (SIGMETRICS '97). Association for Computing Machinery, New York, NY, USA, 203–213. https://doi.org/10.1145/258612.258689 • Athicha Muthitacharoen, Benjie Chen, and David Mazières. 2001. A low-bandwidth network file system. In Proceedings of the eighteenth ACM symposium on Operating systems principles (SOSP '01). Association for Computing Machinery, New York, NY, USA, 174–187. https://doi.org/10.1145/502034.502052
Venues	<ul style="list-style-type: none"> • FAST • hotstorage • SOSP/OSDI • USENIX ATC • ACM Transactions on Storage

Graphics

Paper	<ul style="list-style-type: none"> • Minchen Li, Zachary Ferguson, Teseo Schneider, Timothy Langlois, Denis Zorin, Daniele Panozzo, Chenfanfu Jiang, and Danny M. Kaufman. 2020. Incremental potential contact: intersection-and inversion-free, large-deformation dynamics. ACM Trans. Graph. 39, 4, Article 49 (August 2020), 20 pages. https://doi.org/10.1145/3386569.3392425
Venues	<ul style="list-style-type: none"> • SIGGRAPH • ICRA • IROS • RSS

Computer Architecture

Paper	Alexander Fuerst, Stanko Novaković, Íñigo Goiri, Gohar Irfan Chaudhry, Prateek Sharma, Kapil Arya, Kevin Broas, Eugene Bak, Mehmet Iyigun, and Ricardo Bianchini. 2022. Memory-harvesting VMs in cloud platforms . In Proceedings of the 27th ACM International Conference on Architectural Support for Programming Languages and Operating Systems (ASPLOS '22). Association for Computing Machinery, New York, NY, USA, 583–594. https://doi.org/10.1145/3503222.3507725
Venues	<ul style="list-style-type: none">● ISCA● MICRO● HPCA● ASPLOS● IISWC

Security

Paper	
Venues	<ul style="list-style-type: none">● USENIX Security● IEEE Security and Privacy● NDSS Symposium● ACM CCS Other venues that may have papers: <ul style="list-style-type: none">● OSDI● SOSP● USENIX ATC Industry venues <ul style="list-style-type: none">● DEFCON● Black Hat