

# Graham Freifeld

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## Education

- PhD student University of Edinburgh, 2022/10 - present  
Advisor: Heng Guo
- BS UC Santa Cruz, 2022

## Research Interests

- Algorithms and complexity for counting and sampling problems

## Articles

- Sink free orientations: a local sampler with applications  
Konrad Anand, Graham Freifeld, Heng Guo, Chunyang Wang, and Jiaheng Wang  
arXiv: 2502.05877
- Rapid mixing of the flip chain over non-crossing spanning trees  
Konrad Anand, Weiming Feng, Graham Freifeld, Heng Guo, Mark Jerrum, and Jiaheng Wang  
arXiv: 2409.07892
- Approximate counting for spin systems in sub-quadratic time  
Konrad Anand, Weiming Feng, Graham Freifeld, Heng Guo, and Jiaheng Wang  
doi: 10.46298/theoretics.25.3  
arXiv: 2306.14867