PAUL BASTIDE

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EDUCATION

PhD student at Labri, Bordeaux & TU Delft *2022- now*
Supervised by Marthe Bonamy & Carla Groenland

Master Parisien de recherche en Informatique (MPRI) *2021- 2022*
Master 2 in theoretical Computer Science

Ecole normale supérieure de Rennes *2018 - 2021*
2020 - 2021 *prélab* year – 2 research internships
2019 - 2020 Master 1 in theoretical Computer Science
2018 - 2020 Double diploma Computer Science License, Mathematics License

Blaise Pascal, Clermont-ferrand *2016 - 2018*
Preparatory class MPSI/MP*

DIPLOMA

Master in Theoretical Computer Science	**MPRI/ENS Rennes**
Magister in Computer Science	**ENS Rennes**
Mathematic License	**Rennes University in Mathematics**
Computer Science License	**Rennes University in Computer Science**

PUBLICATIONS

References

[1] Paul Bastide. Distance reconstruction of sparse random graphs. *arXiv preprint arXiv:2407.17376*, 2024.

[2] Paul Bastide, Claire Hilaire, and Eileen Robinson. Path eccentricity of k-at-free graphs and application on graphs with the consecutive ones property. *arXiv preprint arXiv:2403.05360*, 2024.

[3] Paul Bastide, Linda Cook, Jeff Erickson, Carla Groenland, Marc van Kreveld, Isja Mannens, and Jordi L Vermeulen. Reconstructing graphs from connected triples. *WG2023*, 2023.

[4] Paul Bastide, Carla Groenland, Maria-Romina Ivan, and Tom Johnston. A polynomial upper bound for poset saturation. *arXiv preprint arXiv:2310.04634*, 2023.

[5] Paul Bastide and Carla Groenland. Optimal distance query reconstruction for graphs without long induced cycles. *arXiv preprint arXiv:2306.05979*, 2023.

[6] Paul Bastide, George Giakkoupis, and Hayk Saribekyan. Self-Stabilizing Clock Synchronization with 1-bit Messages. In *SODA 2021 - ACM-SIAM Symposium on Discrete Algorithms*, pages 1–27, Alexandria, VA, United States, January 2021. ACM. Full version.

[7] Paul Bastide, Carla Groenland, Hugo Jacob, and Tom Johnston. Exact antichain saturation numbers via a generalisation of a result of lehman-ron. *arXiv preprint arXiv:2207.07391*, 2022.

[8] Paul Bastide, Marthe Bonamy, Pierre Charbit, Théo Pierron, and Mikaël Rabie. Improved pyrotechnics : Closer to the burning graph conjecture. 2021.

[9] Paul Bastide and Pierre Fraigniaud. Brief annoucement: On extending brandt's speedup theorem from LOCAL to round-based full-information models. In Seth Gilbert, editor, *35th International Symposium on Distributed Computing, DISC 2021, October 4-8, 2021, Freiburg, Germany (Virtual Conference)*, volume 209 of *LIPIcs*, pages 47:1–47:4. Schloss Dagstuhl - Leibniz-Zentrum für Informatik, 2021.