Universiteit Leiden
The Netherlands

Opinion dynamics on random graphs

Capannoli, F.

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List of Publications

- Luca Avena, Federico Capannoli, Rajat S. Hazra, and Matteo Quattropani. Meeting, coalescence and consensus time on random directed graphs. *The Annals of Applied Probability*, 34(5):4940–4997, 2024
- Federico Capannoli. Evolution of discordant edges in the voter model on random sparse digraphs. *Electronic Journal of Probability*, 30:Paper No. 6, 24, 2025
- Federico Capannoli and Frank den Hollander. Interacting particle systems on random graphs. volume 40 of *Ensaios Matemáticos*, pages 117–176. Sociedade Brasileira de Matemática, Rio de Janeiro, 2024
- Federico Capannoli, Emilio Cruciani, Hlafo Alfie Mimun, and Matteo Quattropani. A phase transition for opinion dynamics with competing biases. *Submitted*, 2025
- Luca Avena, Federico Capannoli, Diego Garlaschelli, and Rajat S. Hazra. Voter model on heterogeneous directed networks. *arXiv:2506.12169*, 2025

This list is up-to-date as of June 24, 2025.