

Challenges

- Network geometry is a promising framework, but its applicability relies heavily on our capacity to find high quality embeddings of the original datasets, which is hard.
- We cannot power our way through this challenge using GPUs or supercomputers: we need to design smarter algorithms.



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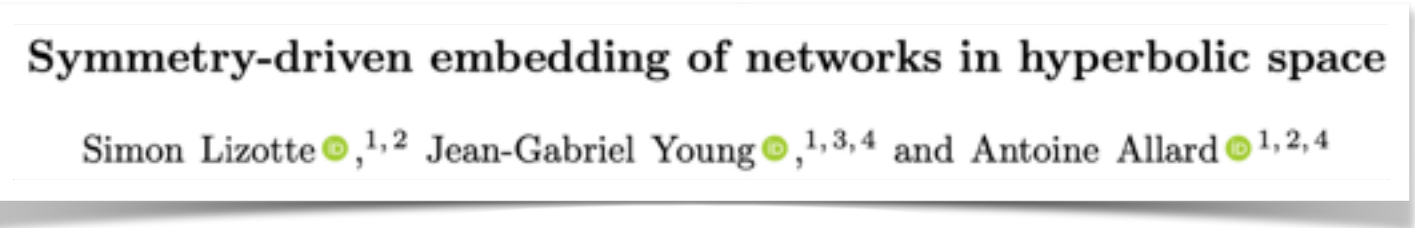
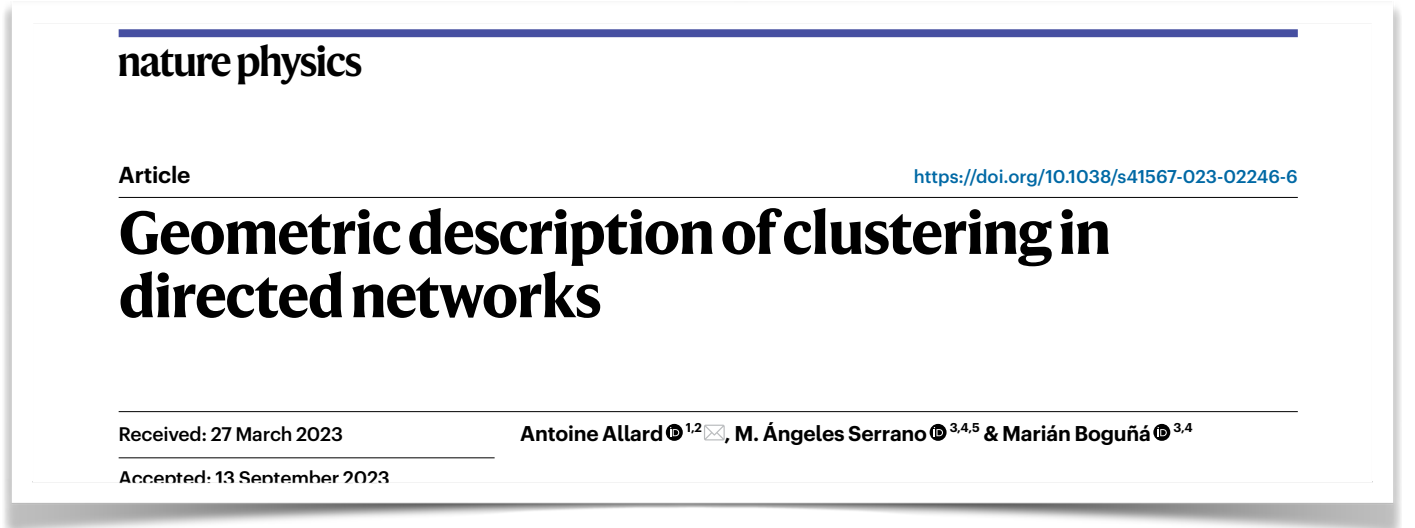
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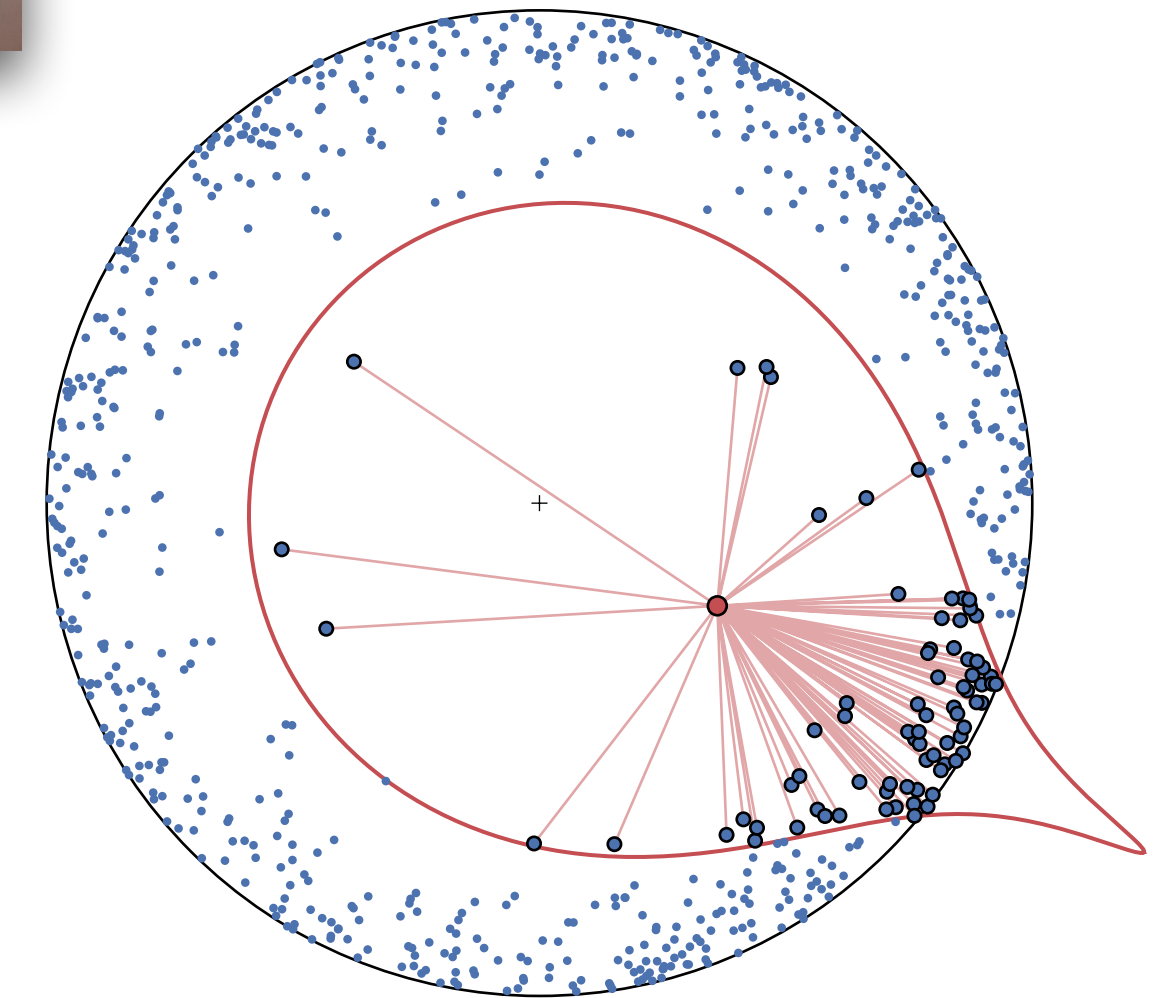
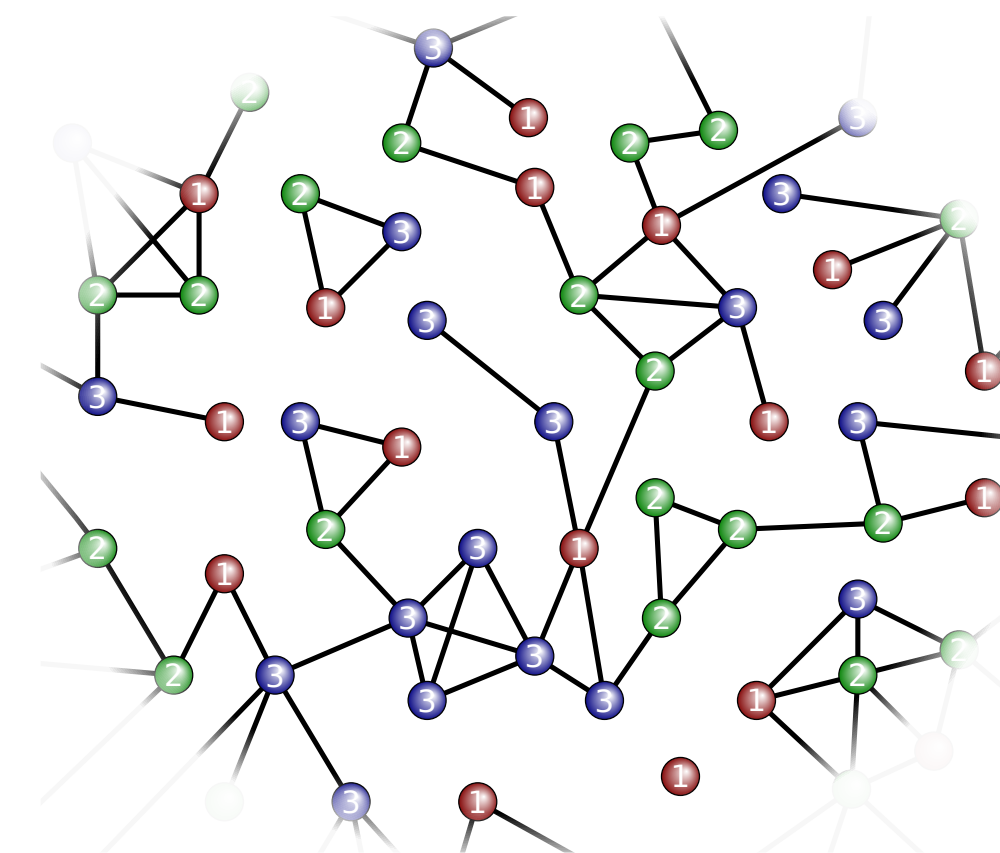
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Theoretical justifications exist for the use of “simple” models of complex networks and of the dynamics they support.

Simple models can reproduce nontrivial complex connections patterns observed in real networks, but there are still several challenges ahead to bridge the gap between our models and real networks.



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