

Bibviz for Bibliography Visualisation

Bibviz is an automatic tool that enables to visualise co-authorship relations in a bibliography file. Starting from a bibliography file in BibTeX format, the tool transforms it into a graph, where nodes represent authors and links the co-authorship relations.

What you need is simply a clean installation of some python tools:

- [biblio-py](#)
- [networkx](#)
- [matplotlib](#)
- and my source code available on [GitHub!](#)

You can see in Figure 1 a dynamic view of my bibliography file. Node size represents connectivity and link colour represents the number of co-authorships (scaling from light blue to red). Figure 2 represents another sample output processed by [Gephi](#).

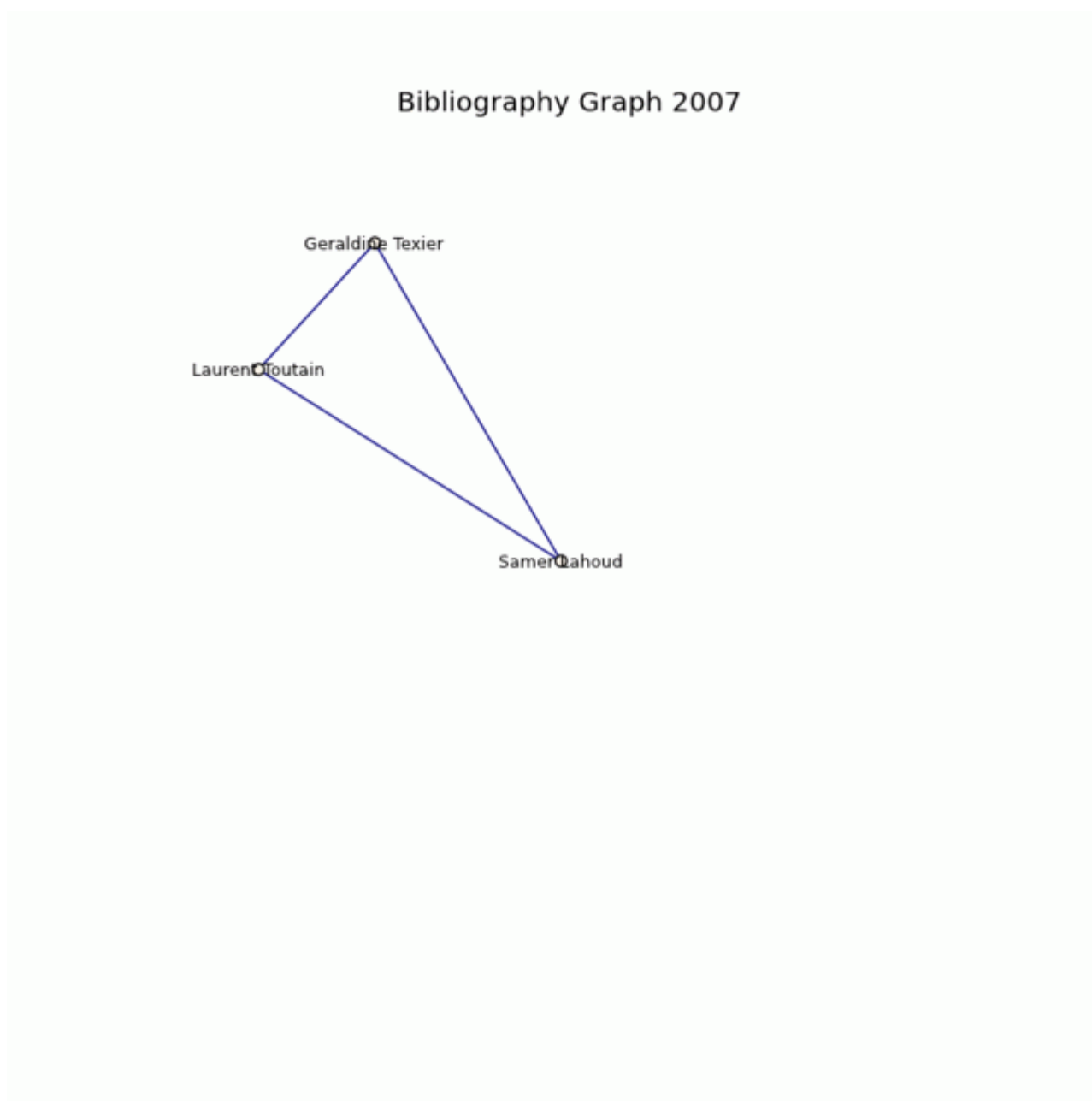


Figure 1. Dynamic view of a bibliography graph

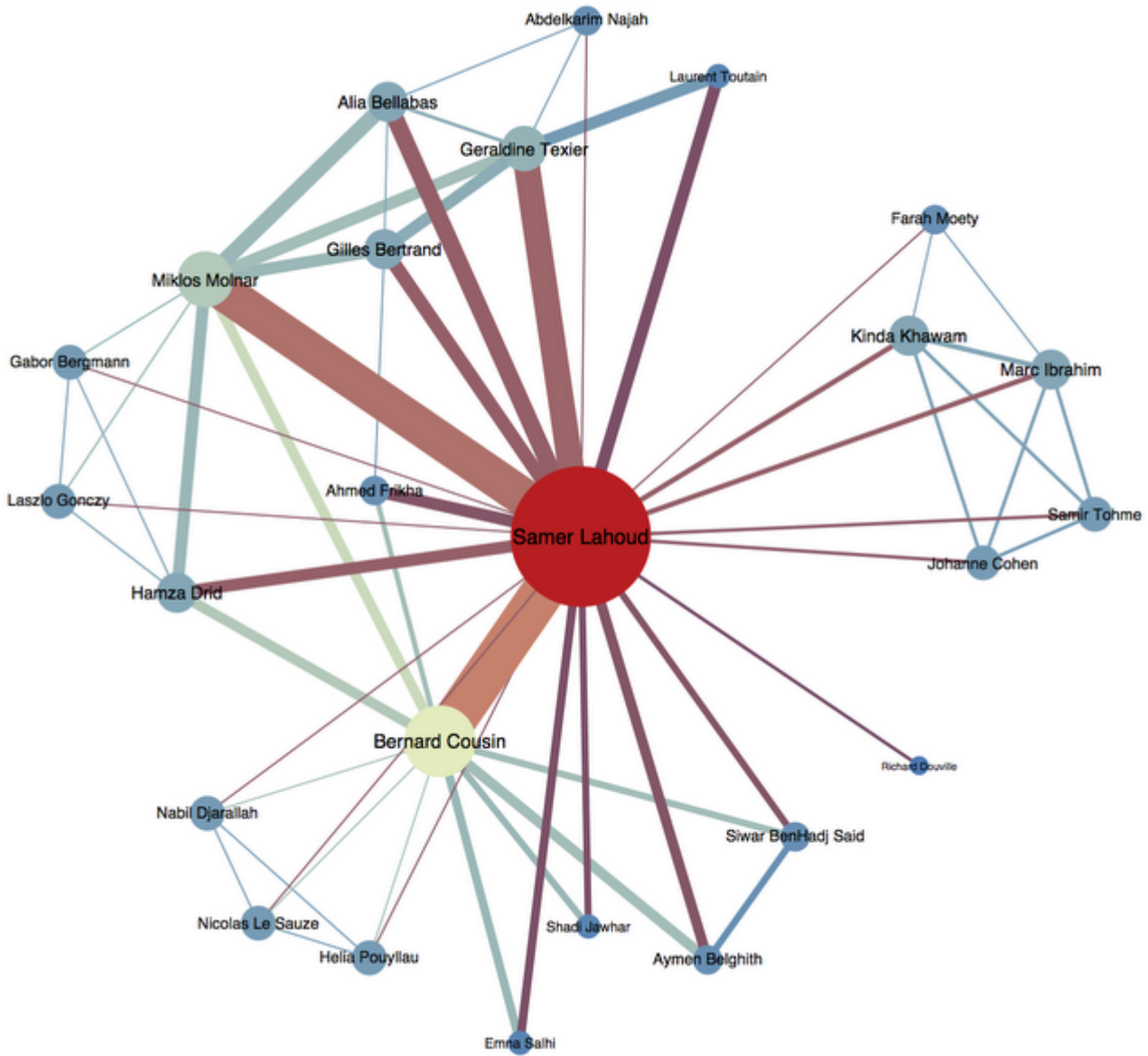


Figure 2. Static view of a bibliography graph

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