

Application Demo

- Node density control
- Additional highlighting options
- Category connectivityDate highlighting
- Filtering and search options
- Neighbour visibility
- Time range filtering
- Title and author search
- Interactive features

Future Improvements

- Graph layout dynamic stability
- Improve initial positioning when making a node visible • Layout calculation to minimize displacement of visible nodes
- Perform simulation in run-once mode and smoothly interpolate

Co-authorship graph

- Useful for studying development of collaboration groups
- Unclear if paper categories have any role
- Article summary table
- Sorted table of search results, visible items, etc..
- Immediate information lookup