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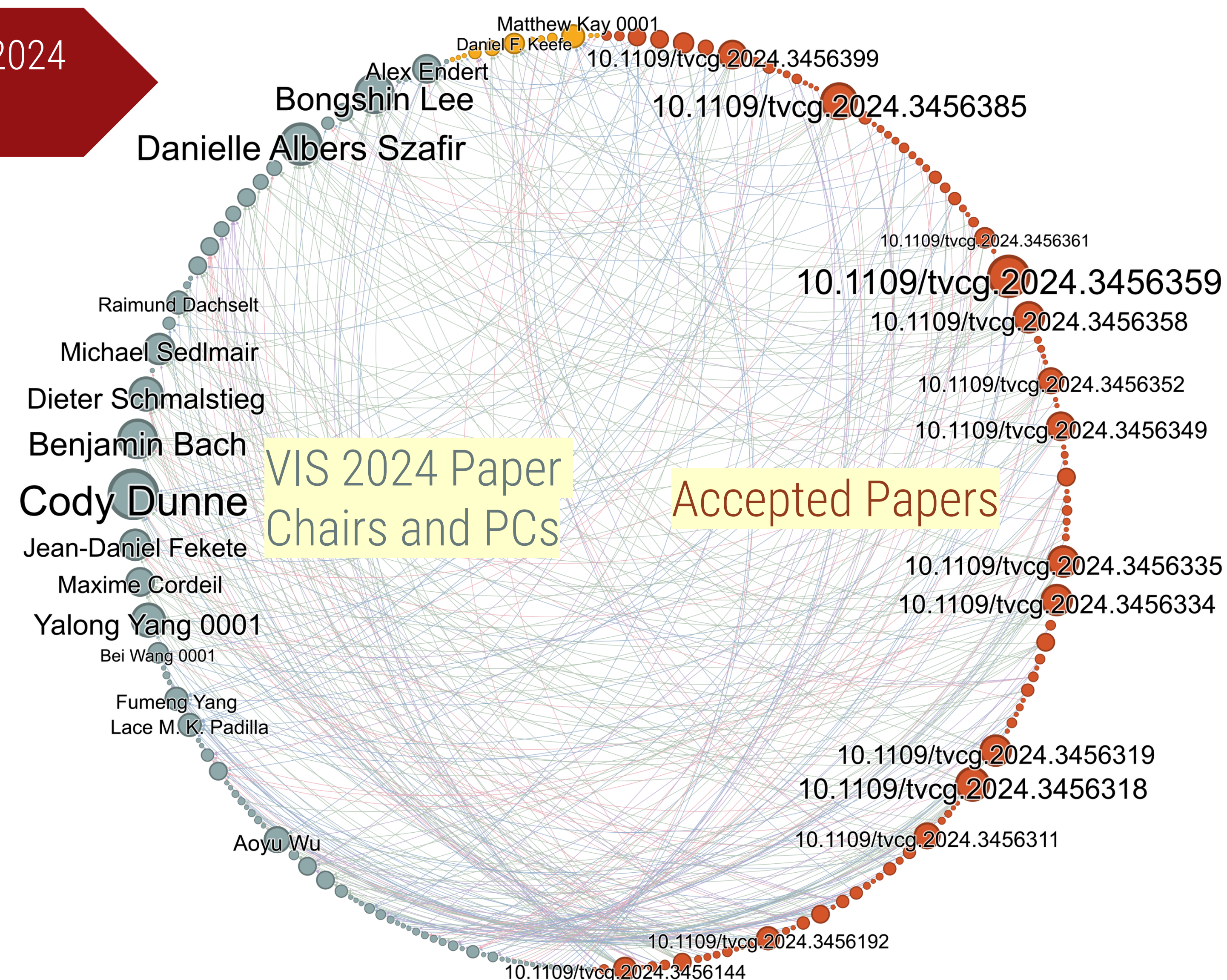
Users and Tasks

- **Paper Chairs:** Oversee reviewers' assignments to ensure a COI-free process.
- **PC Members:** Propose reviewers and check COIs for assigned submissions.
- **Reviewers:** Check their own conflicts before accepting review assignments.

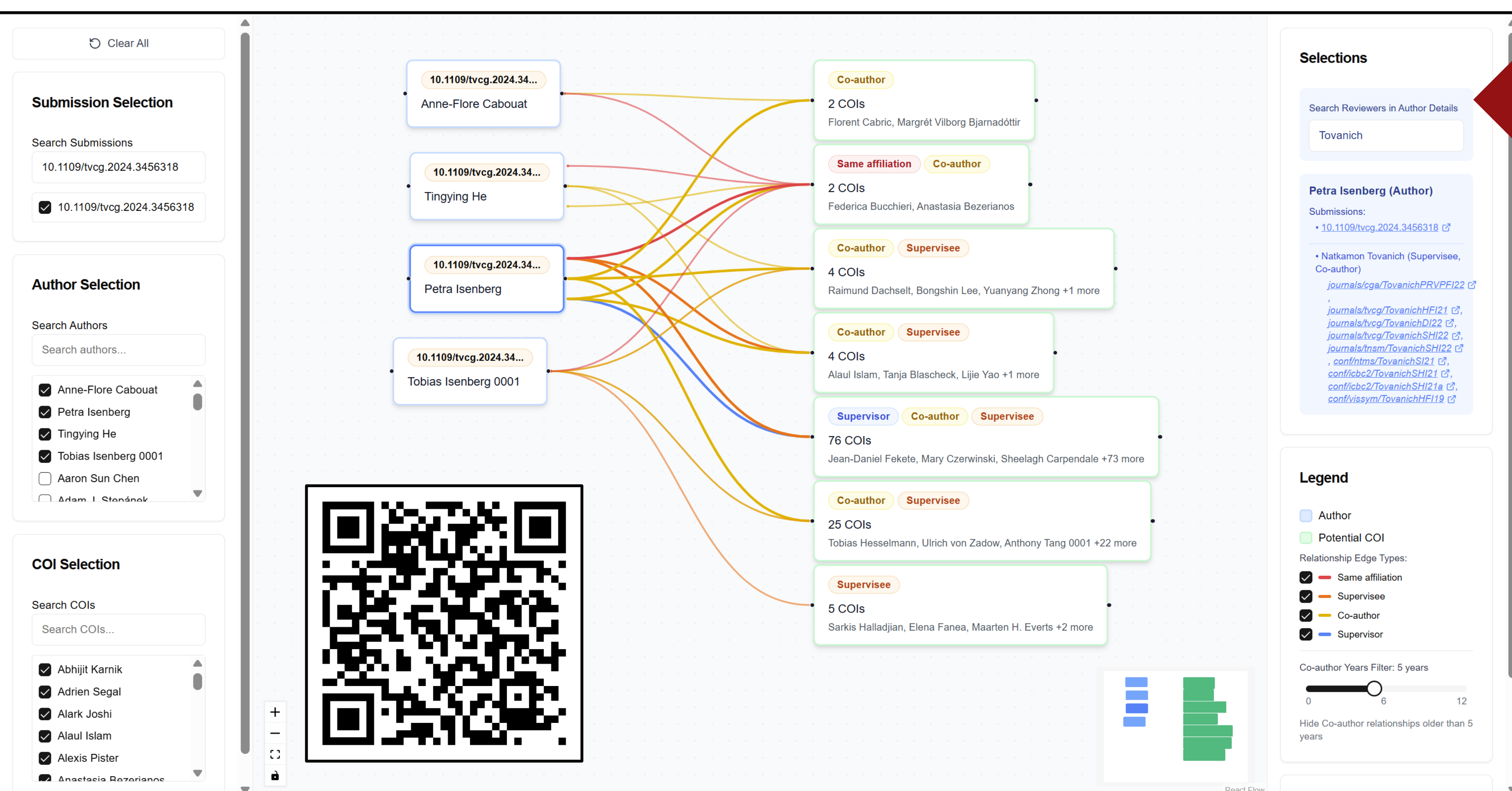
Data

- **Co-Authorship:** Authors who have co-authored a paper within the past n years, based on DBLP publication records.
- **(Potential) Supervisee–Supervisor:** Inferred from first and last author positions within the first five years of the supervisee's publication record.
- **Same Affiliation:** Authors have shared an institutional affiliation within the past five years, according to Vispubdata.

Node-link diagram showing all COIs between VIS 2024 paper chairs, PC members, and accepted papers



Prototype 1: Visualizes all COI paths between paper authors and reviewers



- Explore COI paths in an interactive node-link diagram.
- Search and filter by papers, authors, or reviewers to inspect COIs.
- Detailed on-demand (e.g., publications, supervisions, and affiliations).
- Adjust the co-authorship time window.

<https://v0-reactflow-author-data.vercel.app/>

Prototype 2: Displays a list of all potential COIs for a given author

- Select your name to see all your potential COIs.
- Add, edit, and delete names from your COI list.
- Detailed on-demand (e.g., publications, supervisions, and affiliations).
- Export the list of COIs to CSV for declaring in PCS.

<https://coi-tools.vercel.app/>

