

# VisConflicts

## Visualizing Conflict of Interest (COI) in the Conference Reviewing Process

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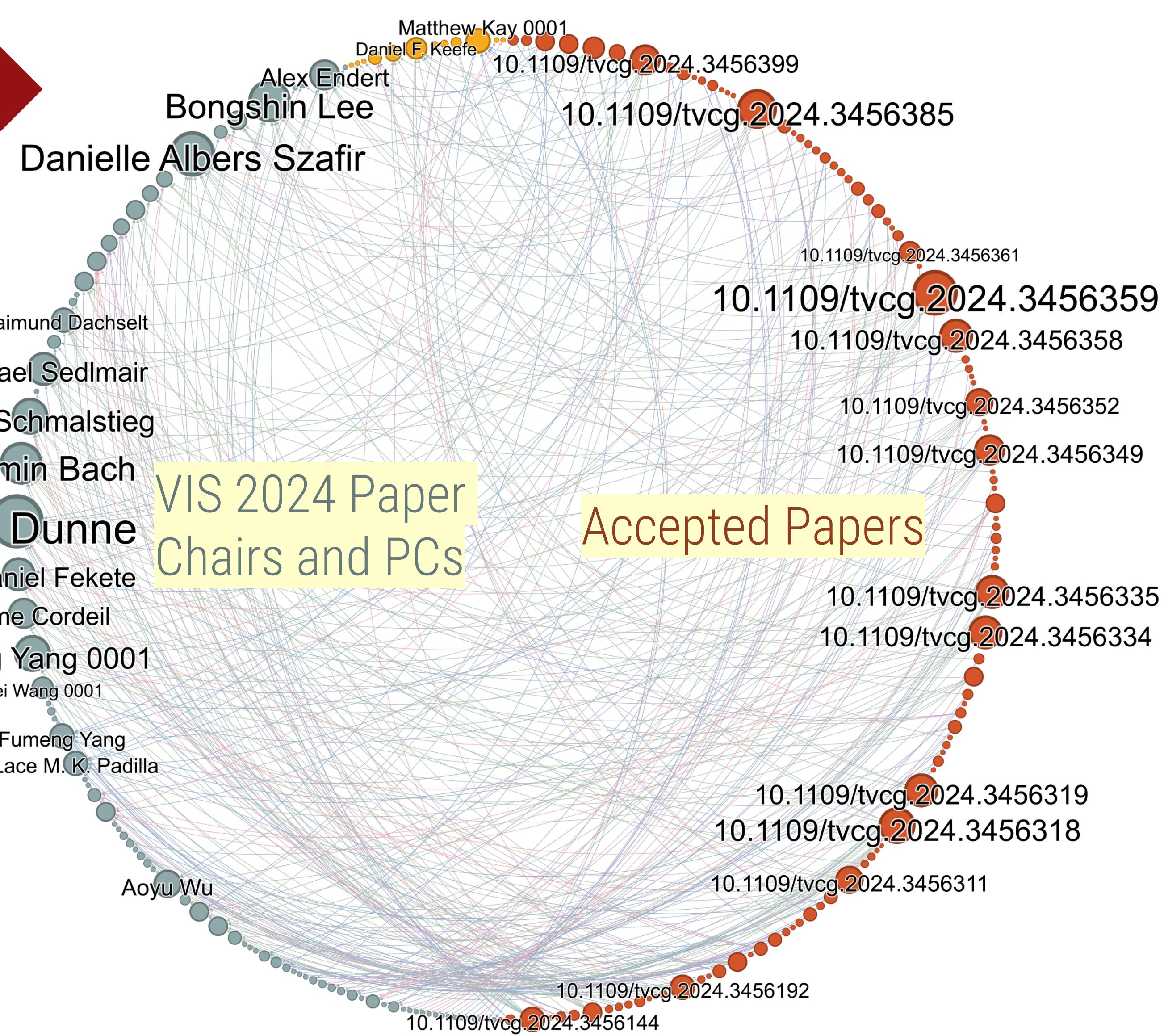
### Users and Tasks

- 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



Accepted Papers

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

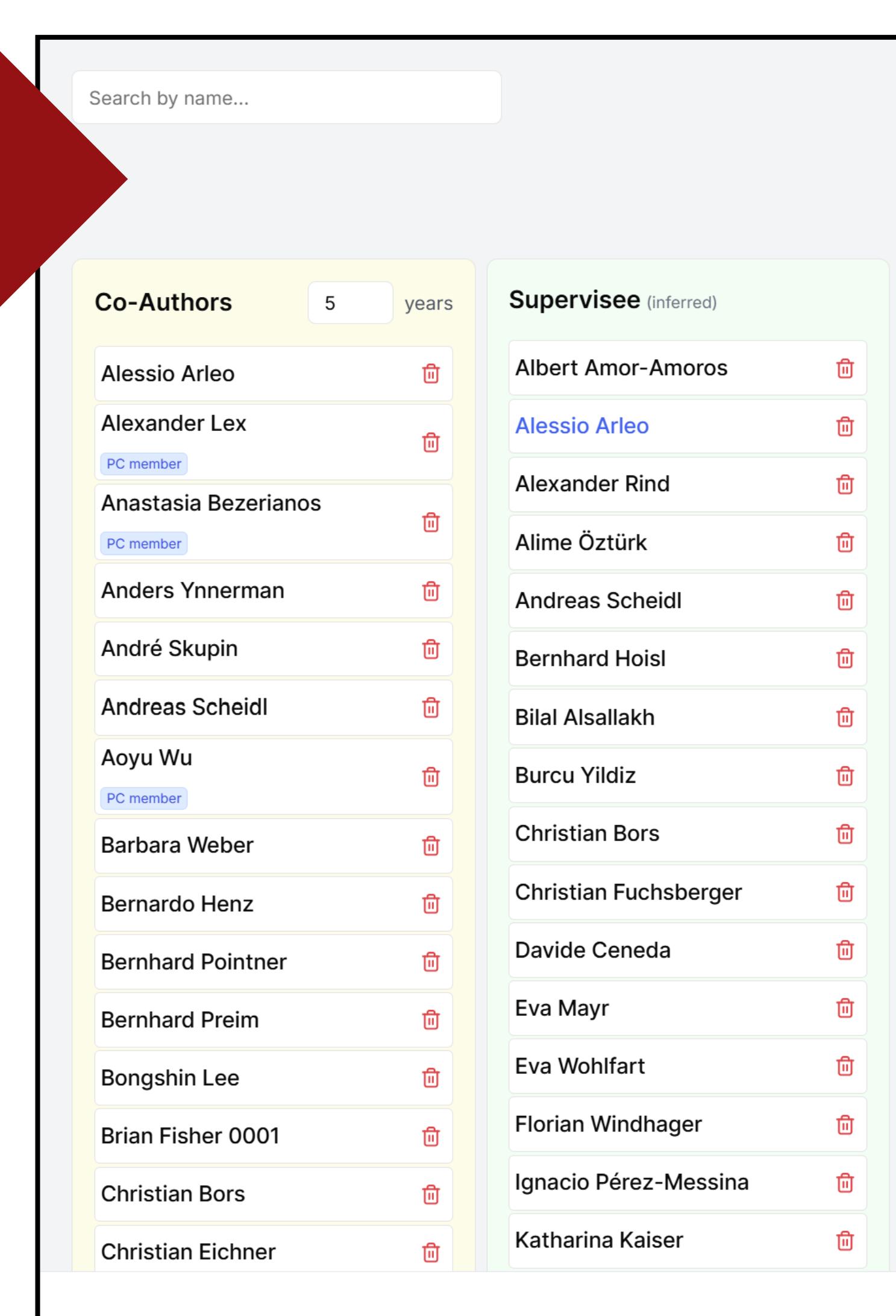
- Explore COI paths in an interactive node-link diagram.
- Search and filter by papers, authors, or reviewers to inspect COIs.
- Detailed on-demand (e.g., publications, supervisions, and affiliations).
- Adjust the co-authorship time window.

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

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

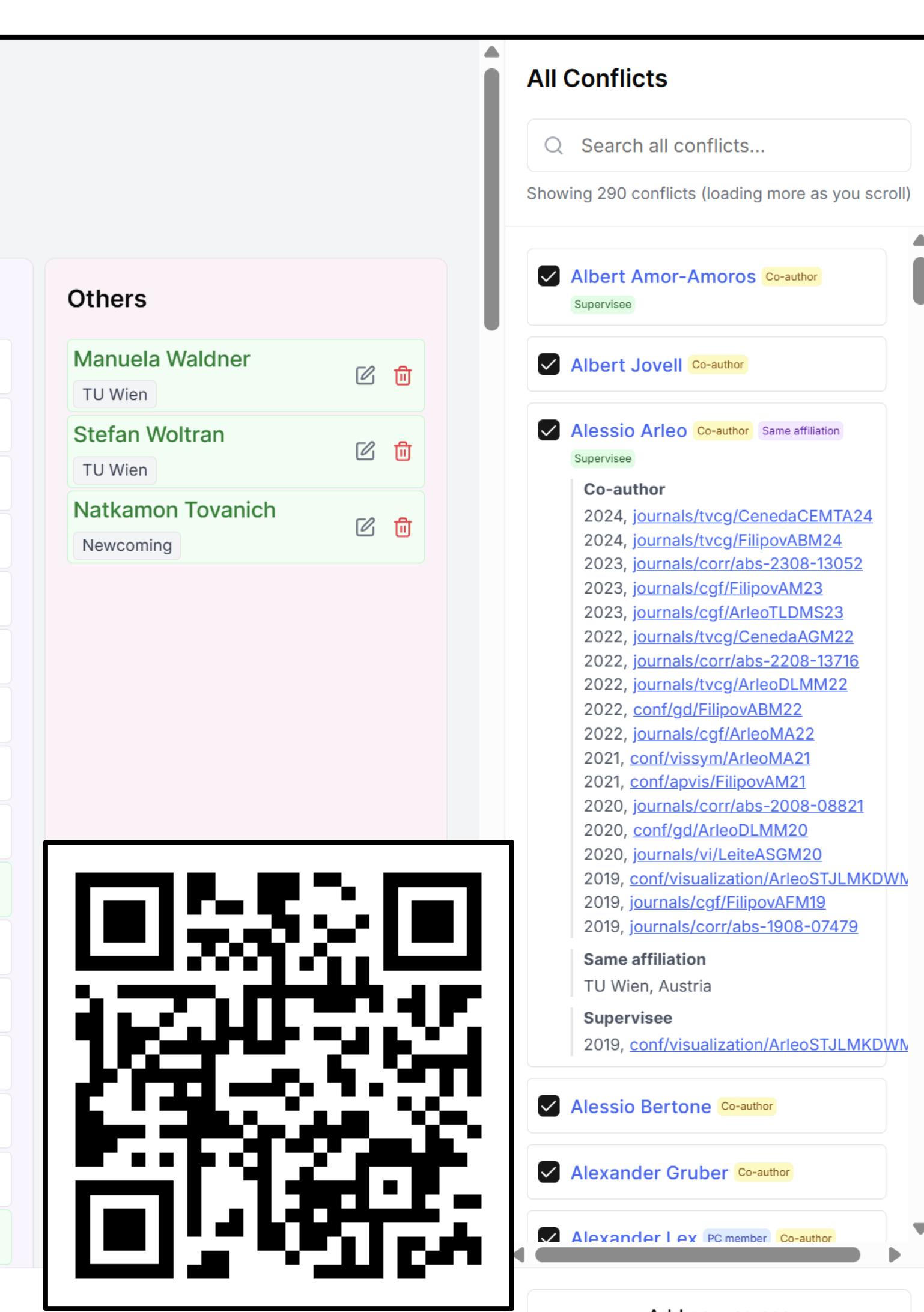
- Select your name to see all your potential COIs.
- Add, edit, and delete names from your COI list.
- Detailed on-demand (e.g., publications, supervisions, and affiliations).
- Export the list of COIs to CSV for declaring in PCS.

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



Silvia Miksch

Co-Authors	5 years	Supervisee (inferred)	Supervisor (inferred)	Same affiliation	Others
Alessio Arleo	✉	Albert Amor-Amoros	✉	Alessio Arleo	Manuela Waldner
Alexander Lex	✉	Alessio Arleo	✉	Christoph Muehlmann	Stefan Woltran
PC member		Alexander Rind	✉	David Kouril	Natkamon Tovanich
Anastasia Bezerianos	✉	Alime Öztürk	✉	Davide Ceneda	Newcomer
PC member		Andreas Scheidl	✉	Eduard Gröller	
Anders Ynnerman	✉	Bernhard Hoisl	✉	Haichao Miao	
André Skupin	✉	Bilal Alsallakh	✉	Ignacio Pérez-Messina	
Andreas Scheidl	✉	Burcu Yıldız	✉	Lukas Herzberger	
Aoyu Wu	✉	Christian Bors	✉	M. Eduard Gröller	
Barbara Weber	✉	Christian Fuchsberger	✉	Manuela Waldner	
Bernardo Henz	✉	Davide Ceneda	✉	Markus Bögl	
Bernhard Pointner	✉	Eva Mayr	✉	Markus Wallinger	
Bernhard Preim	✉	Eva Wohlfart	✉	Martin Nöllenburg	
Bongshin Lee	✉	Florian Windhager	✉	Nikolaus Piccolotto	
Brian Fisher 0001	✉	Ignacio Pérez-Messina	✉	Peter Filzmoser	
Christian Bors	✉	Katharina Kaiser	✉	Renata G. Raidou	
Christian Eichner					



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