

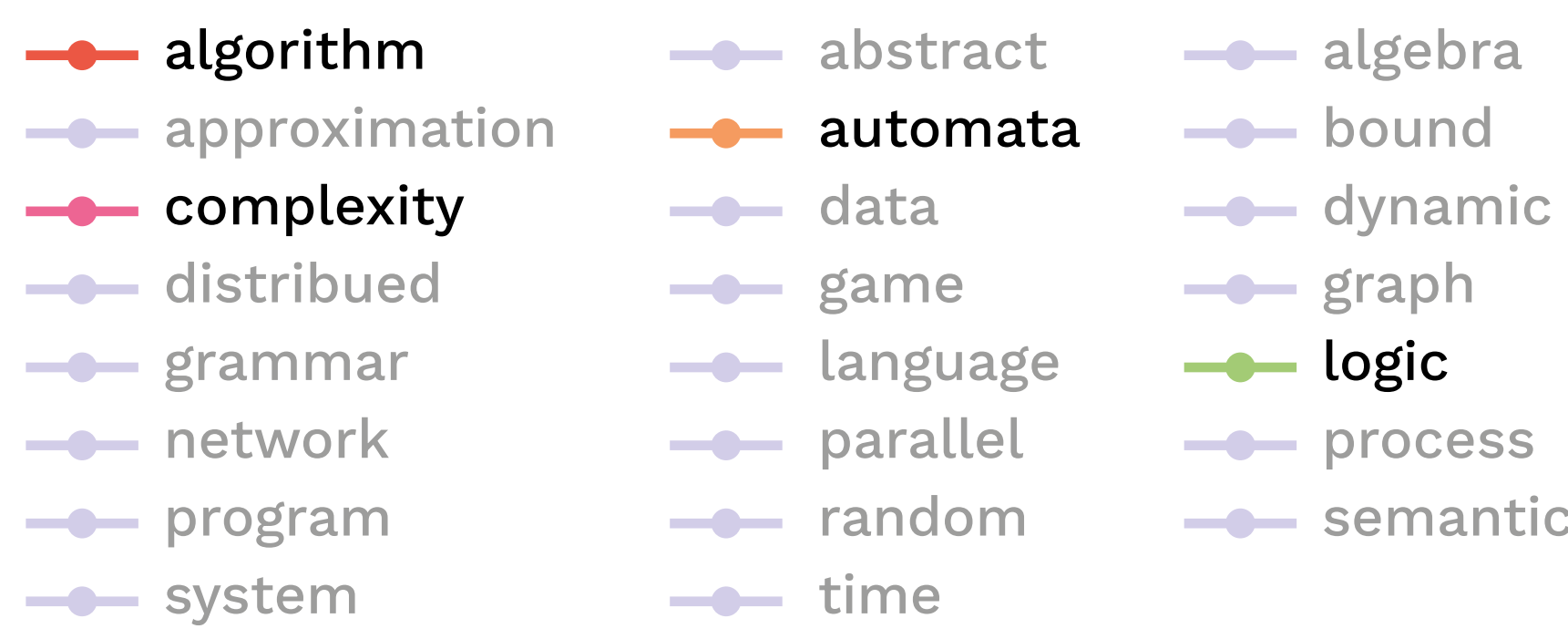
ICALP Through Time

Mining publications data

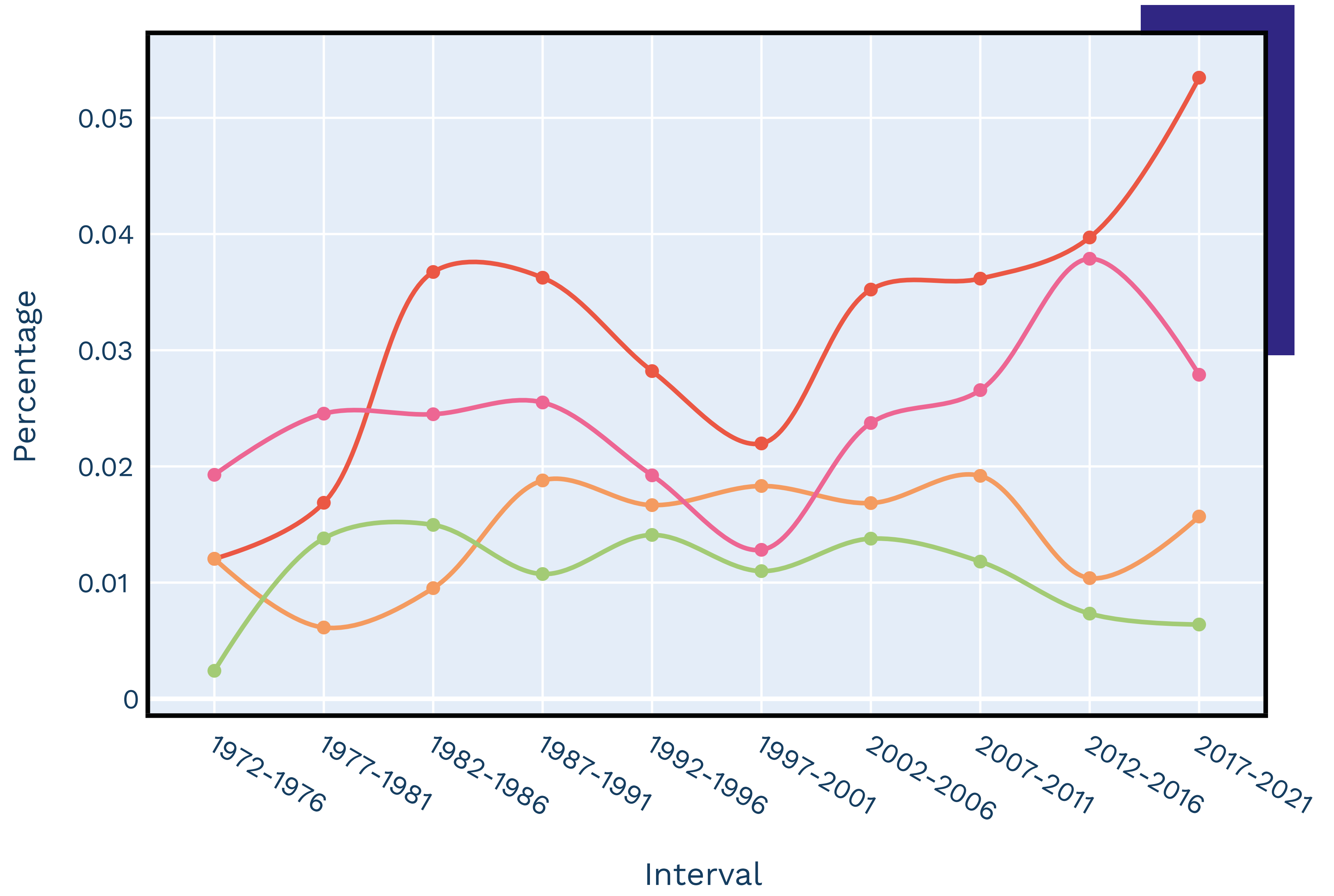
In the 50 years since its inception, the ICALP conference has evolved in pace with the scientific advances and the growth and maturation of the Theoretical Computer Science community. This poster, based on an analysis of DBLP data, provides a bird's eye view of that evolution.

ICALP TOPICS

Throughout its fifty-year history, ICALP has provided a broad coverage of topics in Theoretical Computer Science. How has the relevance of research topics within the theoretical-computer-science community changed since 1972?

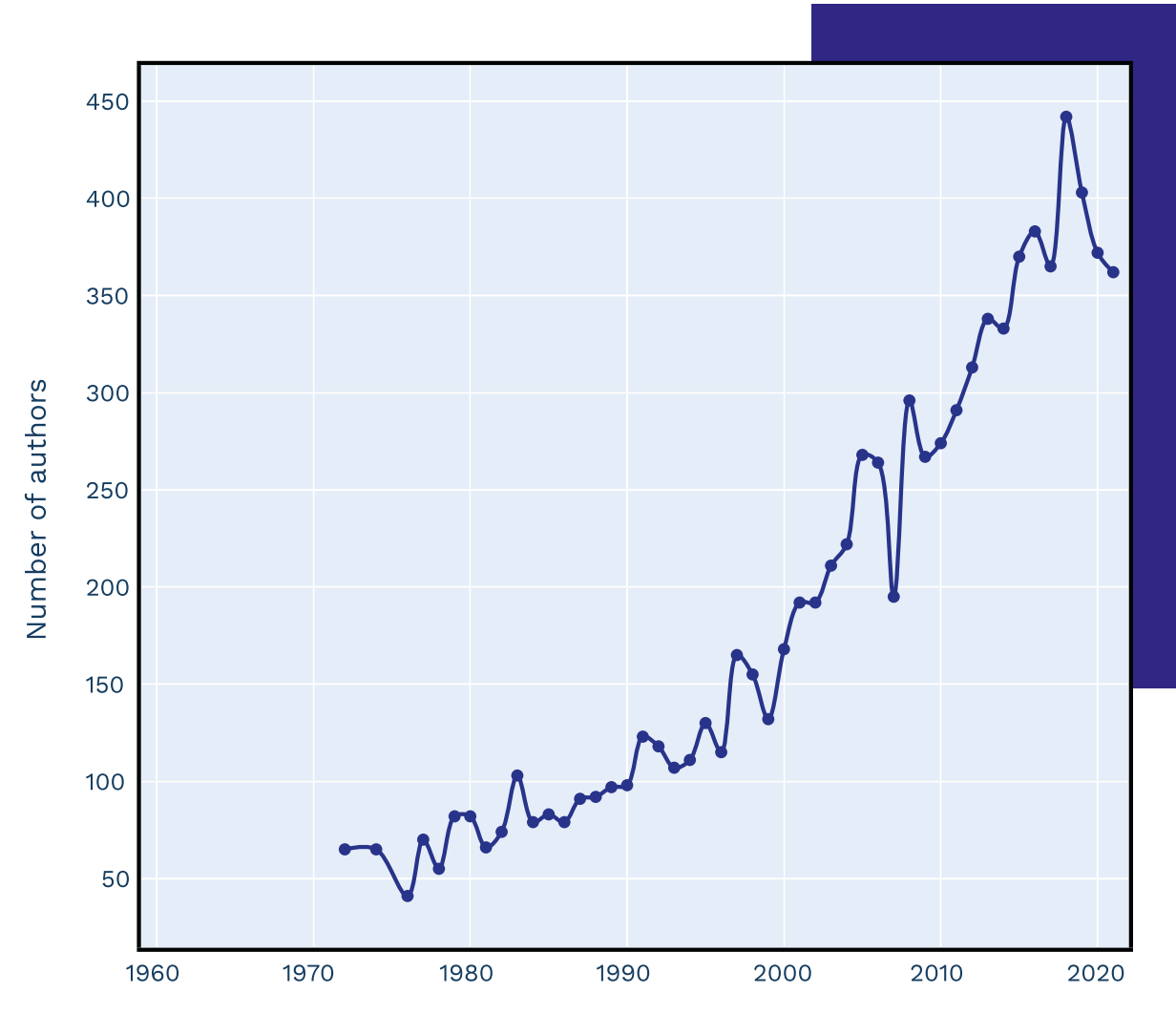


Percentage of ICALP papers whose titles mention the word algorithm, complexity, automata, or logic.

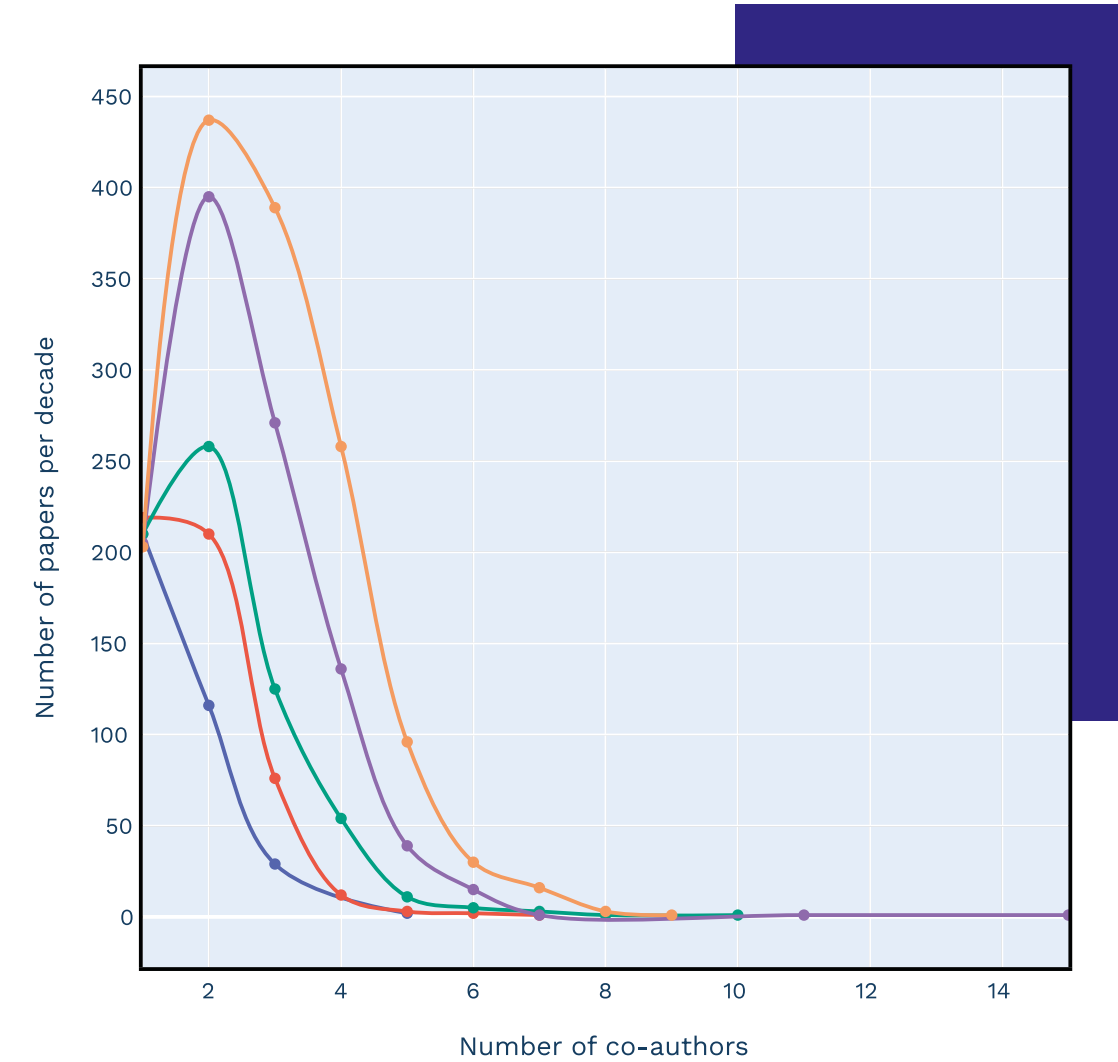


ICALP AUTHORSHIP

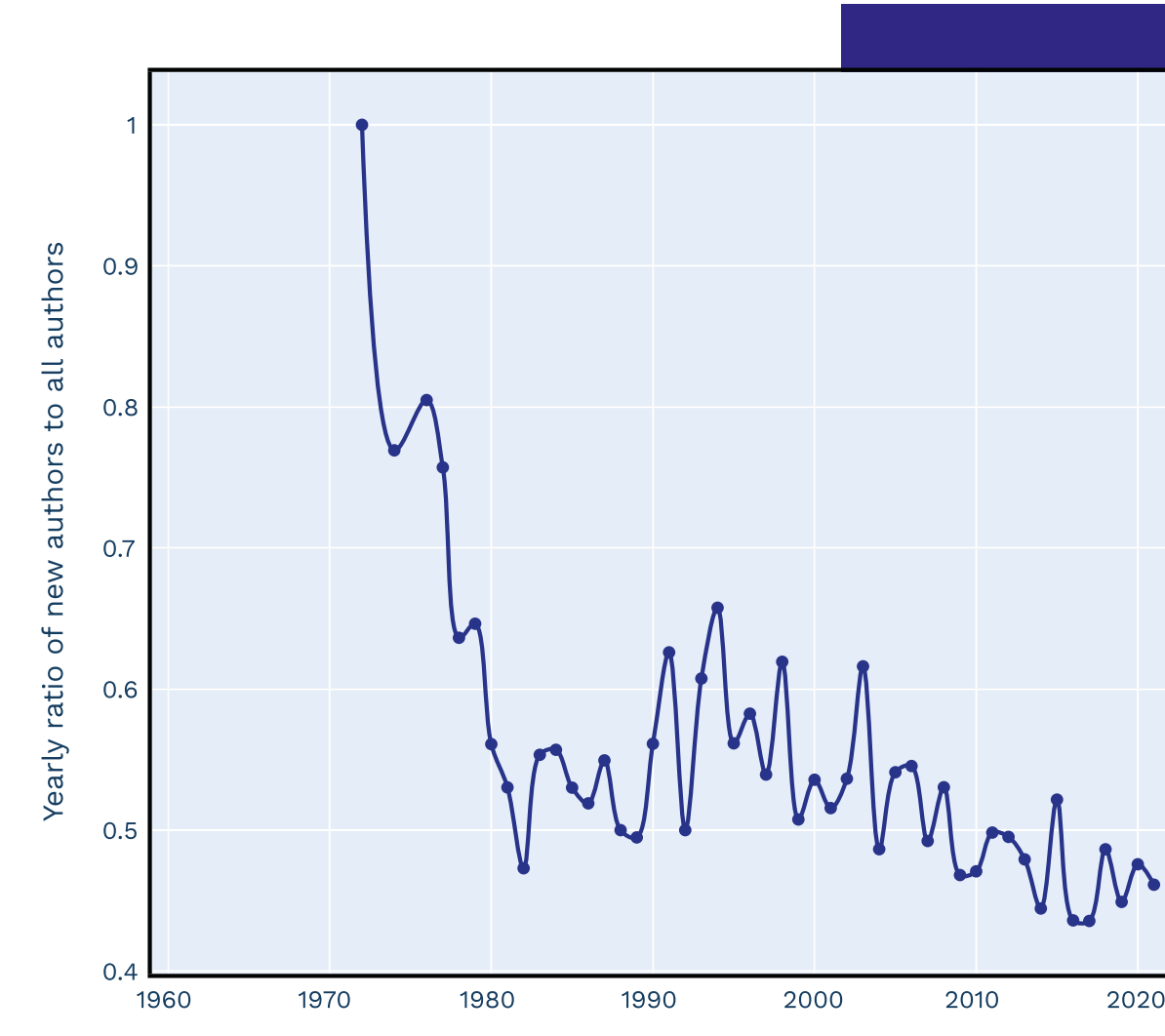
Like other major conferences in Theoretical Computer Science, the authorship at ICALP tends to stabilise over time.



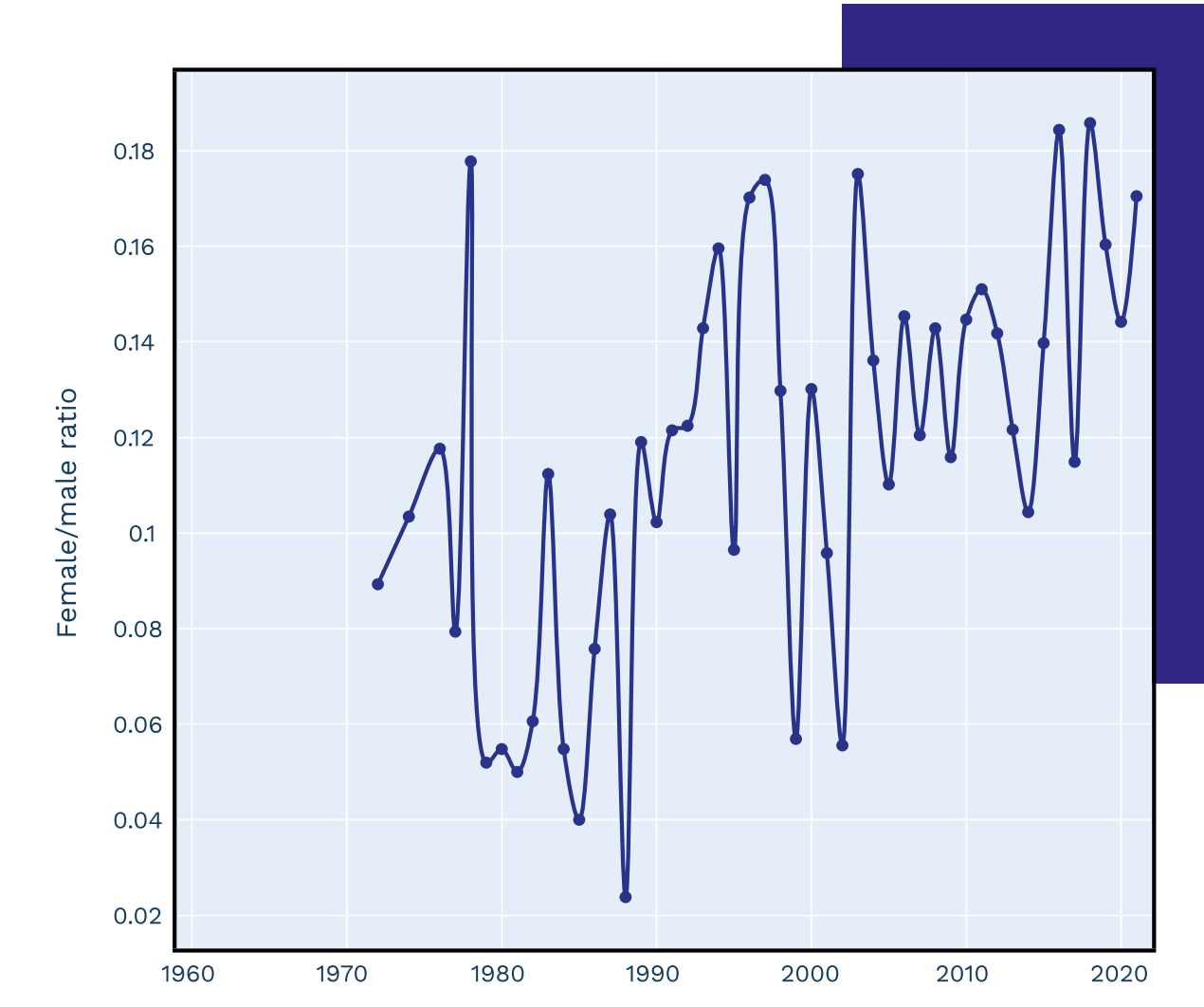
Number of authors per year, corresponding to a similar evolution in the number of accepted papers.



Number of papers with each co-authorship size, per decade. Papers with two, three, and even four authors have gradually become more common than single-author papers.



Percentage of new authors per year. Every year, approximately half the authors at TCS conferences are newcomers to the conference.



Ratio of women over men among authors. Still below 0.2 for almost all TCS conferences in 2021.

[Link to the full data analysis](#)

