



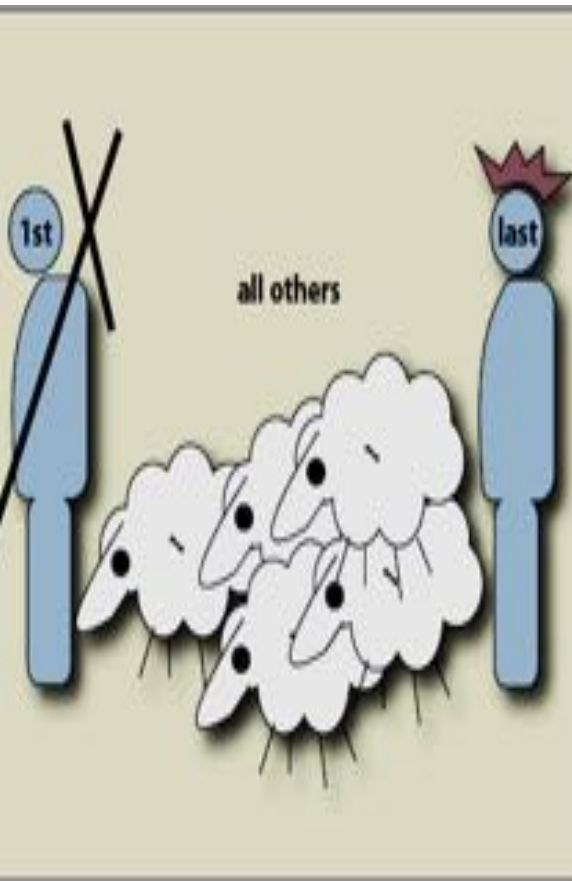
Solving the battle of first-authorship

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Author-ordered model sucks!



Lacks transparency:

you must be an insider to know how to interpret the author list

in interdisciplinary research:

- distinct contributions not reflected
- particularly challenging when everybody contributes equally

Author-ordered model sucks!



Has a damaging effect on the motivation to contribute:

before publication affects collaboration

after publication affects academic credit

Why not making contributions of each author visible on the paper ...



- to show significance of each author's work
- to eliminate negotiation and authorship policies
- to take authorship beyond the writing task
- to reduce tension and competition
- to increase author accountability

It turned out, others had also thought of it



Contributor model has been discussed in Medicine, Engineering, and Social Science

Some medical journals add a list of names and short description of contributions

But the model is still on a more conceptual level and static

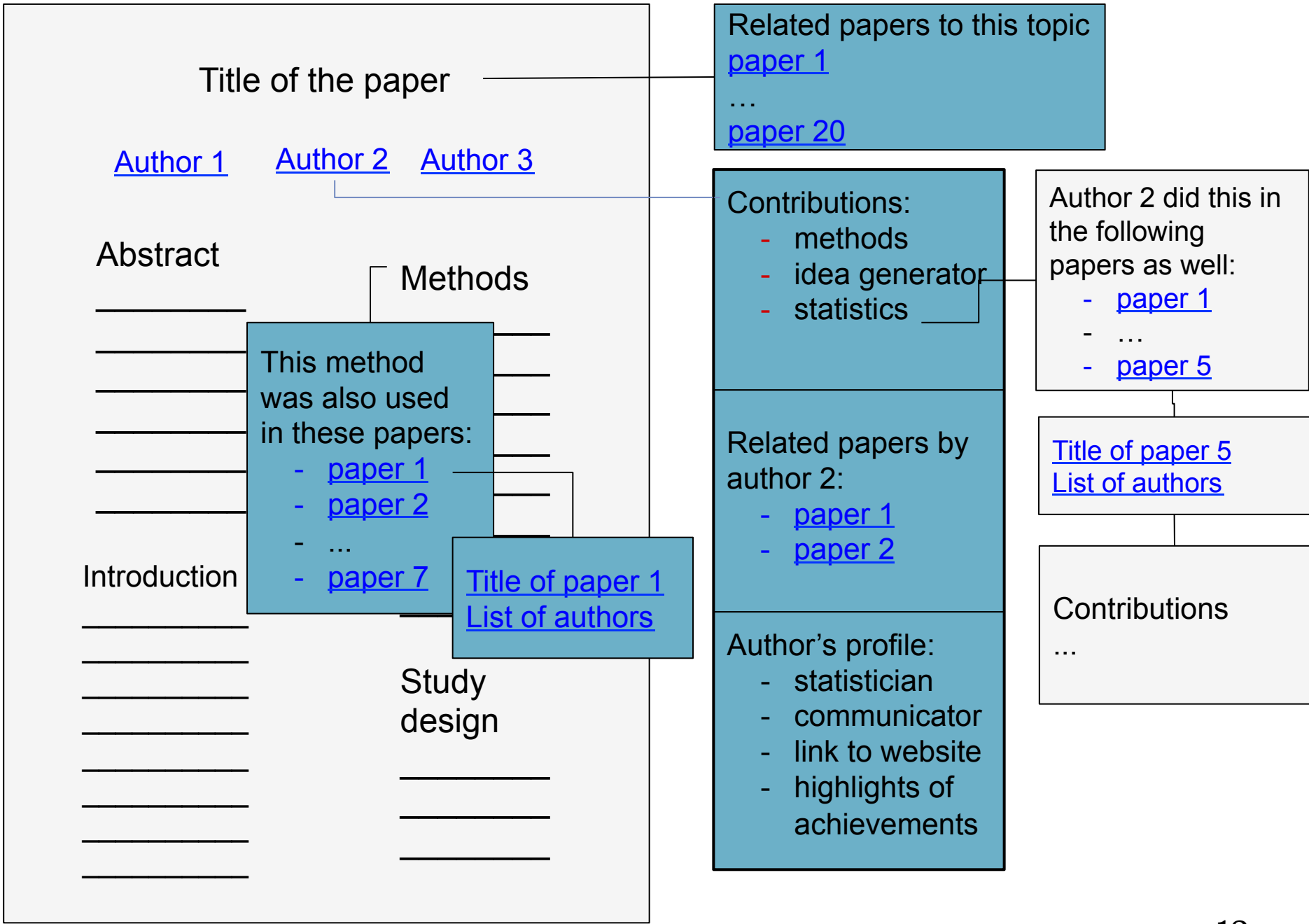
We propose to implement the contributor model with interaction technology



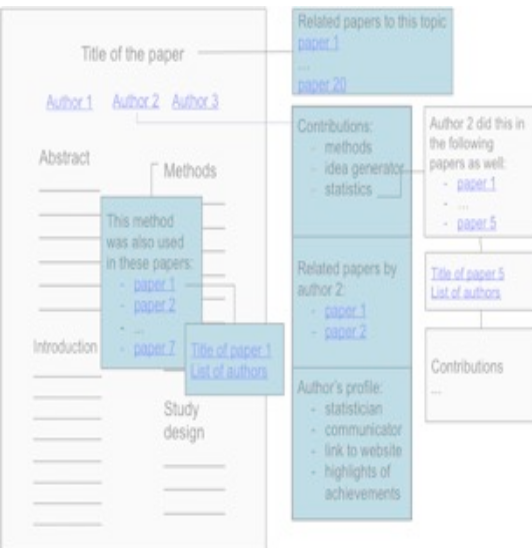
to benefit all stakeholders:

- authors
- readers
- assessors (hiring committee or reviewers)

Here is how ...



The visual/interactive contributor model ...



highlights contributions

gives *in situ* access to researcher profiles

gives *in situ* access to similar work by the contributors

prevents artificial credits

The visual/interactive contributor model ...



benefits all stakeholders:

authors

- increased visibility
- evidence of contributions

readers

- information beyond paper's content

assessors (hiring committee or reviewers)

- can more easily and transparently assess the qualification of the candidates

This idea generated interesting discussions

It might create even more **conflicts** among collaborators because they have to agree on the contributions

(Reviewer: Hanna Krasnova)

Gaming the new system: adding fake contributions, taking away someone else's contribution and putting it under one's name

(Reviewer: Cosima Rughinis)

Citation problem: How to cite a paper without the author-ordered list?

(Reviewer: Juan David Hincapié-Ramos)

