

# CERN IdeaSquare Journal of Experimental Innovation

27.6.2024

Matteo Vignoli – Editor-in-Chief

Valeria Brancolini – Managing editor



*Idea<sup>s</sup>*





# CERN IdeaSquare Journal of Experimental Innovation

- **Editor-in-Chief**

**Matteo Vignoli**, University of Bologna,  
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- **Emeritus, Founding Editor-in-Chief**

**Saku Juhani Mäkinen**, University of Turku,  
Finland and CERN, Switzerland

- **Co-Editor**

**Jonathan Wareham**, ESADE Business School,  
Ramon Llull University, Barcelona, Spain

- **Managing Editor**

**Valeria Brancolini**, Italy

- **Co-managing Editor**

**Lauri Valtonen**, CERN IdeaSquare,  
Switzerland



# Why are we here?



- Promote the culture of CERN as an experimental organization into innovation with concrete actions
- To become the central outlet for academic research in experimental innovation including the design factory network
- To involve and support future scientists, PhDs and students, in experimental innovation research

# Now and then: 2023-2024

Activity	Objective
Increased to three issues per year	Foster expanded open and global discussion around innovation knowledge
“How-to” methodological notes on experimental research methods	Embracing and enabling people from different disciplinary backgrounds to join and bring their expertise to research innovation
ATTRACT Socio-economic studies’ findings publications	Knowledge exchange from the international collaboration on EU projects to a larger audience, give room to the biggest experiment in innovation

# Now and then: 2023-2024

Activity	Objective
Fostering a scientific view in the innovation community, i.e. Coffee papers from scientists	Bring the perspective of scientists, like a message in a bottle, to the innovation community
Presence in relevant academic conferences	Connect with researchers that are presenting papers using experimental methodologies and offer CIJ as a potential outlet
Spring & Summer: Normal issues, Winter: Innovation in Career and Life Design	Present the strategy between normal and special issues as a way to nurture community
Communications of CIJ activity, 41 social media posts and 2 website news articles	Communication as a strategic value creation asset for CIJ authors that can see their research promoted in the IdeaSquare channels







# Impacts of activities now and then: Data



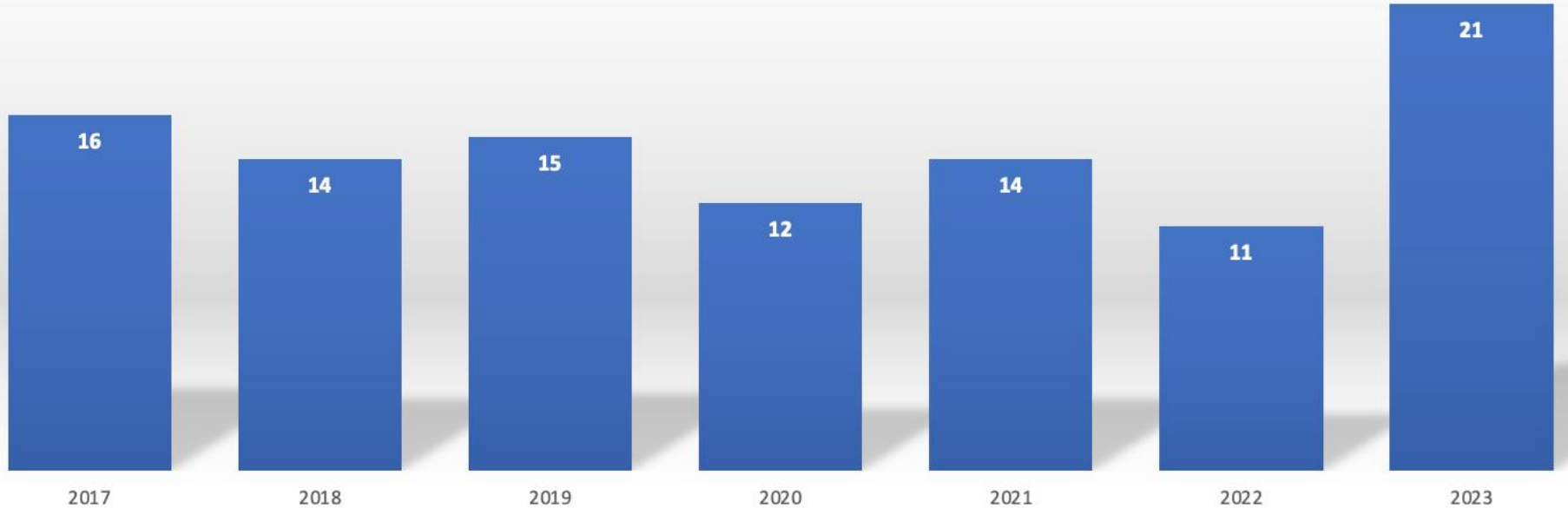
- **3 issues per year:** Two normal issues and one special issue at the end of the year
- **Two new sections:** Methodological notes: 3 done, 2 in pipeline and ATTRACT Socio-economic studies: 2 done, 6 in the pipeline
- **Monthly clinics for students: 10 since August with varying participation.**

# Editorial activity 2023

Submissions Received	34	165 (19/year)
Submissions Accepted	15	100 (12/year)
Submissions Declined	6	35 (4/year)
Submissions Declined (Desk Reject)	2	9 (3/year)
Submissions Declined (After Review)	4	26 (3/year)
Submissions Published	18	111 (15/year)
Other Submissions 	0	3
Submissions In Progress	0	3
Imported Submissions	0	0
Days to First Editorial Decision 	48	54
Days to Accept	123	191
Days to Reject	310	293
Acceptance Rate 	67%	61%
Rejection Rate 	33%	21%
Desk Reject Rate	10%	5%
After Review Reject Rate	24%	16%

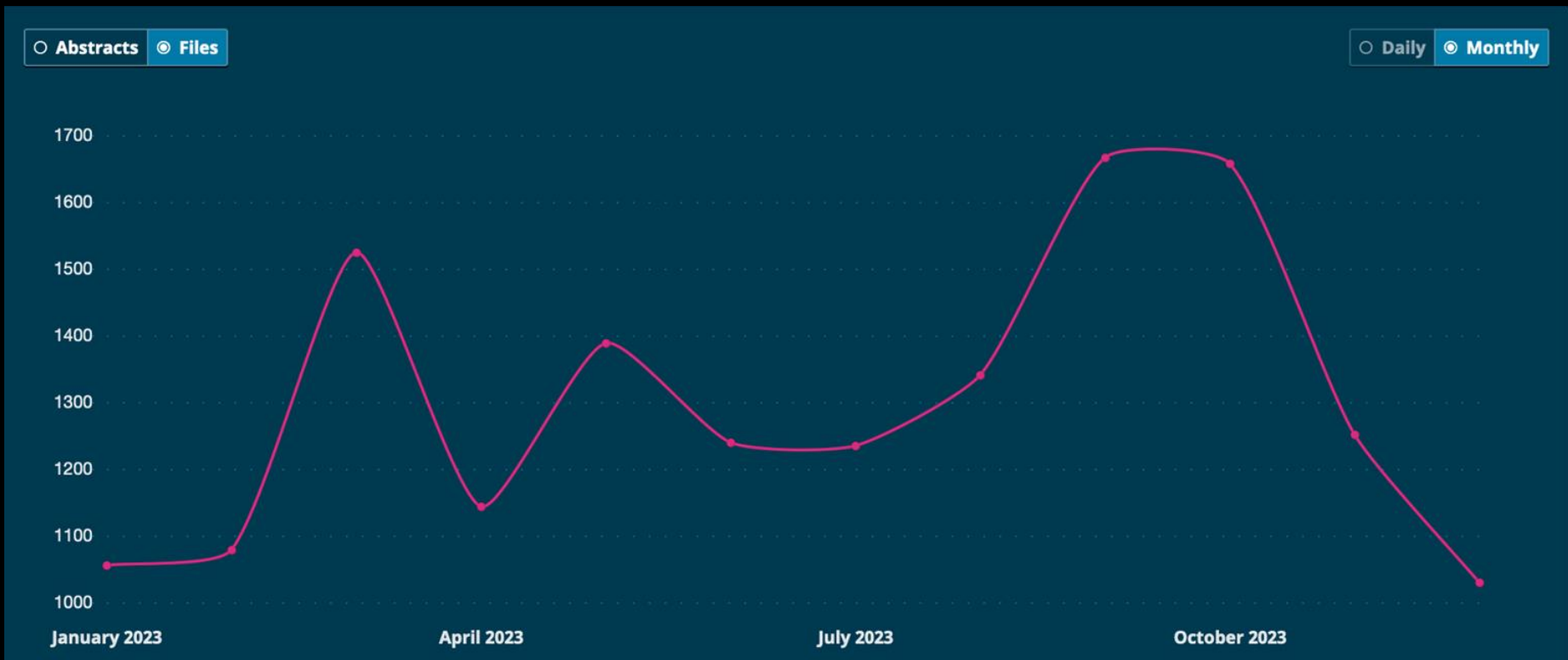
# Editorial workflow

## Published articles





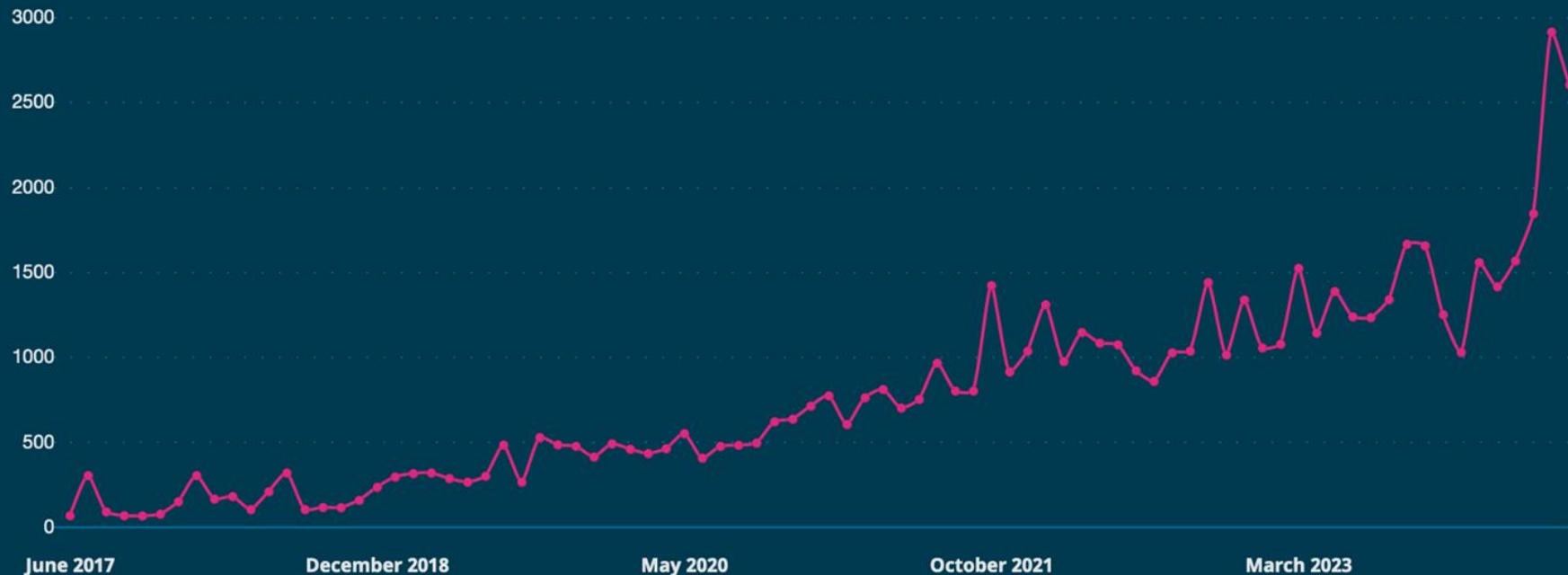
# Articles' downloads/month in 2023 (all articles)



# Articles' downloads/month over the years (all articles)

Abstracts  Files

Daily  Monthly



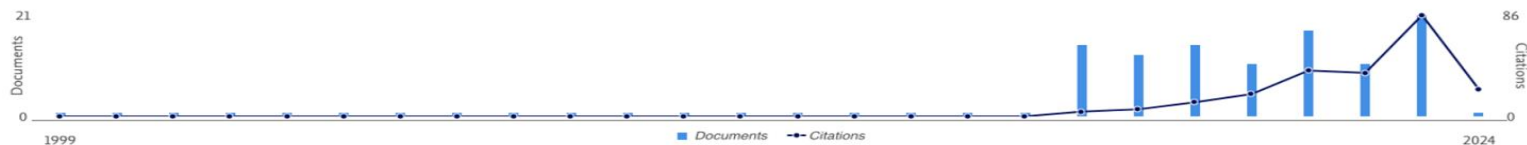
# 10 MOST DOWNLOADED ARTICLES OF ALL TIMES

Article ID	Article Title	Date Published	Abstract Views	Total Gallery Views
1054	Cultural tourism development and the impact on local communities: a case study from the South of Italy	2020-12-28	1761	12685
799	Designing and building a 3D printed low cost modular Raman spectrometer	2018-12-21	3713	6648
746	Smart work centers as “creative workspaces” for remote employees	2018-07-02	2394	2150
920	Closing the gap: reinventing organizations for innovation and the disruptors who drive it	2019-12-24	2085	1866
544	Organizational experiments and the change of meaning	2017-12-22	892	1841
459	Experimentation and innovation: purpose, possibilities and preferred solutions	2017-06-30	857	1614
1287	Can challenge-based learning be effective online? A case study using experiential learning theory	2021-06-30	2218	1428
997	Designing services for employees' wellbeing: principles for an improved employee experience	2021-12-21	1715	1185
882	Improving plastic management by means of people awareness	2024-06-25	1337	950
873	Customized servitization as an innovative approach for renting service in the fashion industry	2024-06-25	901	939

# 10 MOST CITED ARTICLES OF ALL TIMES

## Citation Overview

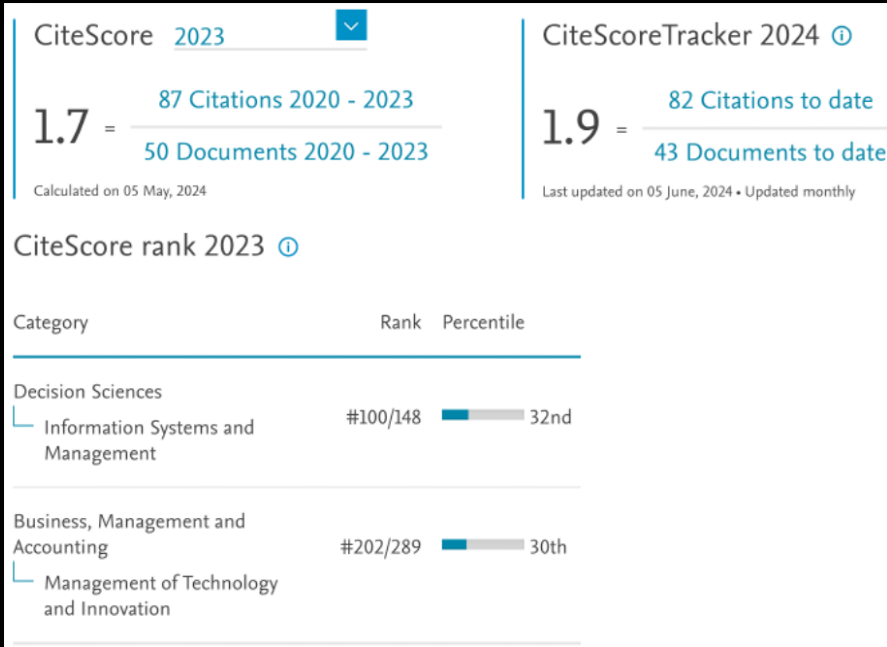
Date range: 1999 to 2024 Exclude self citations Exclude book citations Hide documents with 0 citations



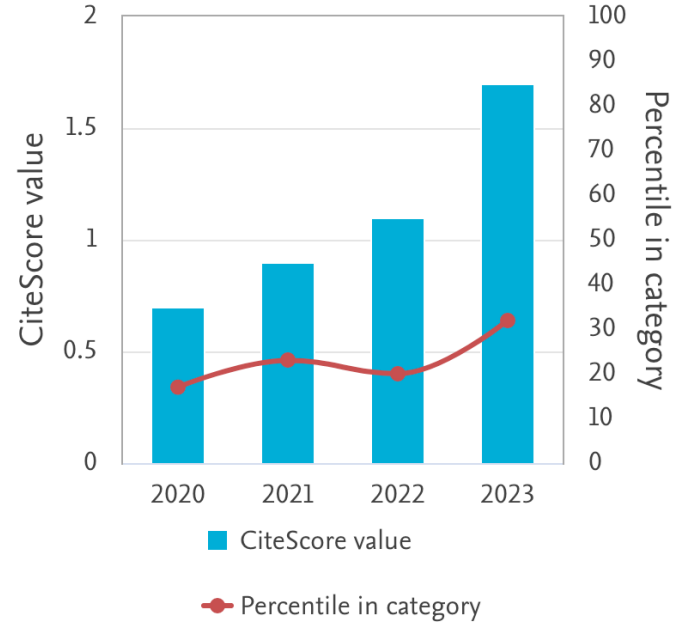
Sort by Cited by (highest)

Documents	Year	'99	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	Subtotal	>2024	Total
<b>Total</b>		0	0	0	0	0	0	0	0	4	6	12	19	39	37	86	23	226	0	226
1 <a href="#">Applying physical science techniques and C...</a>	2017	0	0	0	0	0	0	0	0	1	2	3	2	3	4	4	0	19	0	19
2 <a href="#">Smart work centers as creative workspace...</a>	2018	0	0	0	0	0	0	0	0	0	0	0	2	2	2	6	0	12	0	12
3 <a href="#">Can challenge-based learning be effective o...</a>	2021	0	0	0	0	0	0	0	0	0	0	0	0	2	2	5	2	11	0	11
4 <a href="#">The implications of entrepreneurship educ...</a>	2021	0	0	0	0	0	0	0	0	0	0	0	0	1	4	2	1	8	0	8
5 <a href="#">Designing and building a 3D printed low c...</a>	2018	0	0	0	0	0	0	0	0	0	0	0	0	1	3	3	0	7	0	7
6 <a href="#">Co-creating an idea lab: Lessons learned fr...</a>	2018	0	0	0	0	0	0	0	0	0	0	2	2	0	0	1	2	7	0	7
7 <a href="#">N2T 'Need to Tech discovery' tool: enabling...</a>	2021	0	0	0	0	0	0	0	0	0	0	0	0	1	0	5	0	6	0	6
8 <a href="#">Community Energy for enhancing the ener...</a>	2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	2	6	0	6
9 <a href="#">The 3 T's framework of social innovation labs</a>	2019	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	1	6	0	6
10 <a href="#">Perceived difficulty of design thinking activi...</a>	2017	0	0	0	0	0	0	0	0	0	0	1	0	1	1	3	0	6	0	6

# Cite Score and ranking

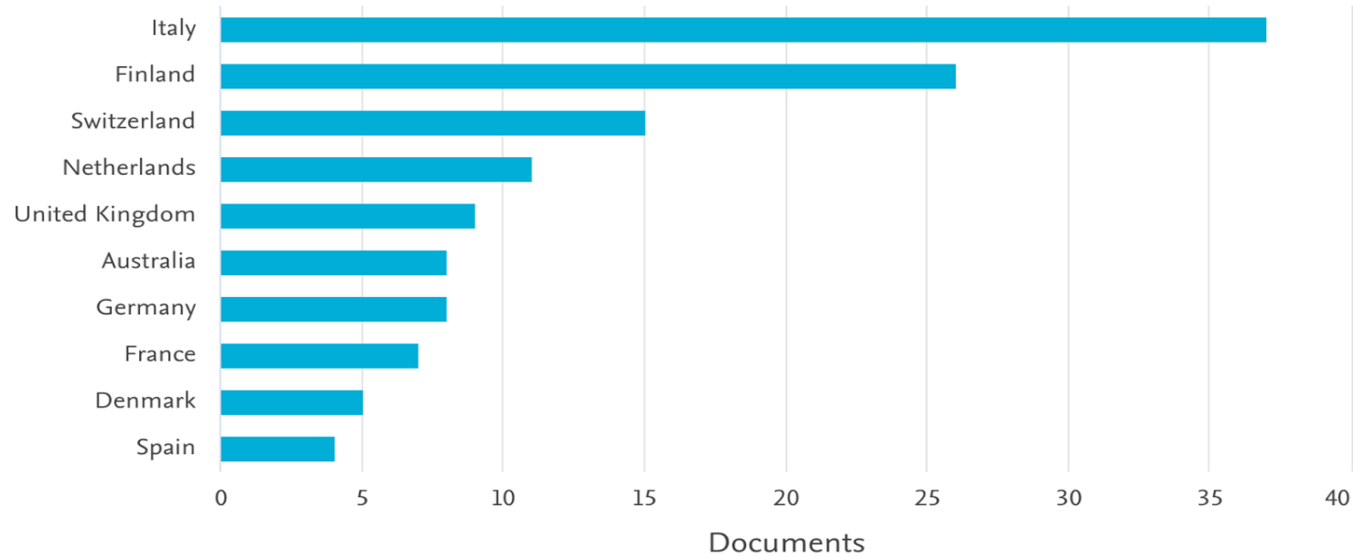


## CiteScore trend



## Documents by country or territory

Compare the document counts for up to 15 countries/territories.



# Pipeline: 2025-2026

Activity	Objective
PhD summer school on methodological notes	Training future scientists in experimental methodologies to study innovation and its relation to societal good and sustainability.
Reapply to Web of Science	Impact factor: Legitimacy in the academic community and reach of journal
Data sharing and data publications	Openness and collaboration, collect value generated by student projects in form of raw data as an alternative to usual publications
Special issue 2025: PhD Summer school follow-up	A way to close the loop with the training of PhD summer school, so they learn the process also including publishing the work
Meeting and restructuring the editorial board of the journal	Be ready to support the growth of the number of submissions

# 2025 PhD School

- Research development workshops for PhD students with lectures on **experimental methodologies** and CERN visits for 5 days
- Authors of methodological notes and CIJ editors as professors
- Participants offered the possibility to submit research they work on in an upcoming **CIJ special issue**
- Coinciding with an editorial in-person/hybrid meeting
- Tentative dates: 23.6-27.6. or 30.6.-4.7.2025

Professors	Affiliations
Georges Romme	Eindhoven University of Technology
Massimo Florio	University of Milan
Matthias Guertler	University of Technology Sydney
Jan Auernhammer	Stanford University
Leona Chandra Kruse	University of Agder





# Web of Science



- **We applied in 2019 and were stopped at the triage step, because we were not publishing enough articles (minimum of 20) compared to other journals in the same categories**
- **We are planning to apply to be included again in early 2025, as we have since increased the number of issues (3 vs 2) and articles.**



# Sought impact



- **Increase quality of papers, 60 submissions but maintain number of publications at 20-30**
- **PhD School: 5 authors, 35 students, 3 years**
- **WOS: Get impact factor as a KPI for CIJ**
- **Data publications: One publication per issue in 2026**
- **Special issues 2025-2027: 7-10 papers per issue from PhD School**
- **Editorial board: 3 associate editors committed to working on the journal**



# Learnings and developments **beyond 2026**



- Post-impact factor

Develop CIJ identity and presence as an established journal

Focus on sustainability of the journal