



Journals: - Several rounds of reviews
 - Verdict: - accept as is (final)
 - reject (final)
 - major revision
 - minor revision

7.4 Conference Schedule

- ➔ • PC setup -> Abstract submission
- Bidding/Conflicts of Interests -> Full-paper submission
- ➔ • Review Assignments / Review work
- ➔ • Review submission
- ➔ • PC discussion (together) -> Author notification
- ➔ • PC is done, hand publication process to publisher -> Camera-ready submission
- ➔ • Publisher processes submissions, provides publications

Final Verdict: - accept
 - reject
 (- conditional accept)

Rebuttal: usually one-time
 - Author get reviews
 - Authors submit a response to reviewers
 - can address questions or factual mistakes

7.5 Review Structure

- ➔ 1. Summarize paper
- ➔ 2. Explain contribution
- ➔ 3. Evaluate in detail
 - 1. List strong points (pros) and weak points (cons)
 - 2. Evaluate criteria (may be given by conference):
 - Soundness (research methods), heuristics,
 - Significance (scope, importance)
 - Novelty (related work)
 - Verifiability (reproducibility)
 - Presentation (understandability, structure, figures, form)
- ➔ 4. Add comments for the authors
 - 1. Spelling, typos (not your job, though)
 - 2. Improvements (how to proceed with project, where to publish better, restructure, RQs)
- ➔ 5. Add confidential comments for the PC (plagiarism, opinion, explanations that authors shouldn't see)

Pro:
 Con:
 experiment setup, validity, not only correctness

Common scores in review:

- Acceptance:

Strong accept (3)

- accept (2)
- weak accept (1)
- (- borderline (0))
- weak reject (-1)
- reject (-2)
- Strong (-3)

• Own expertise/confidence:

- eXpert (x)
- knowledgeable outsider (y)
- unfamiliar (z)

Altknoten Schema:

- 5 (expert)
- 4 (high)
- 3 (medium)
- 2 (low)
- 1 (none)

What if review assignment does not fit?

- PC chair has to find more reviewers
- Journal editor has to find fitting reviewers

Reviewing is also educating yourself!

How long does a review take?

Different estimates:

- 0.5 - 4 hour (8)
~ 2.5 maybe =

- 6-8 h
- ~4h

7.6 Review principles

- Positive language
- Constructive
- Honest
- Ethical and moral



substantiate your claims

7.7 Rebuttals

- Reviews are sent to authors
- Authors get short deadline to answer the reviews
- PC discussion afterwards, only

Anecdotal evidence:

- might change opinion of review
→ experience as reviewer and as author
- No empirical study known

<https://conf.researchr.org/getImage/icse-2022/orig/ICSE+2022+Review+Process+and+G>

AUTHORSHIP

Source: [IEEE Publication Services and Products Board Operations Manual 2019 \(updated: 2021\)](#), Section 8.2.1.A

Authorship requires:

- Substantial contribution
- Significant role in the creation of the article
- Responsible for text/claims/data