

Publishing in Computer Science

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MINISTRY OF EDUCATION,
YOUTH AND SPORTS



OP Education
for Competitiveness

INVESTMENTS IN EDUCATION DEVELOPMENT

Part I

Publishing - Conferences

What are the factors to consider?

- scope
- what appeared there in the last few years
- overall quality/acceptance ratio
- programme committee (PC)
- deadlines

- *Each paper requires 3-4 reviews!*

Reviewers

- PC members, ~ 15 – 20 papers each
- many distributed to *subreviewers*
- PC member is responsible for the subreviewers, participates in the discussion

Paper assignment

- PC *bid* for papers, few days after submission deadline
- can be sped up by the *abstracts first* policy
- *conflict of interest* must be declared

- fixed entries
- submitted through a PC member (email), or electronically (Easychair)
- around *4 weeks* turnaround time
- the review can be modified/added to during the PC discussion

Form entries

- overall score
- detailed review, including justification
- comments for PC
- confidence level

- *timeframe*: 2-3 weeks
- nowadays almost exclusively "distributed"
- first pass: remove *clear accepts and rejects*
- ask for *additional reviews* if necessary
- some papers initiate a long discussion
- *gray zone*: somebody must fight for the paper
- luck always plays part

- Rebuttals - not for adding new material!

Timeframe – a recap

- 1 paper bidding: 2 days – 1 week
- 2 reviews: 4-5 weeks
- 3 (rebuttal: 1 week)
- 4 PC discussion: 2-3 weeks
- 5 full version: 1-2 weeks

EXAMPLES

Part II

Publishing - Journals

By access

- traditional (*serials crisis*)
- open access (outside funding vs author pays)
- hybrid open access
- delayed open access

The “big three”

- Elsevier
- Springer
- John Wiley

More than 42% in CS!

Who is in charge?

Editorial staff

- Editorial board
 - active members
 - ceremonial members
- Associate/assistant editors
 - by topics
 - additional advice to editors
- Chief editor(s)/Editor-in-Chief

Two types of editors

- academics (may, or may not be paid)
- professional editors (should have at least postdoc experience)

Differences from conferences

- takes *much longer* (months/years)
- much more *thorough*
- *guided* by the editor
- multiple *iterations*
- decision is not binary (accept/reject)

Possible outcomes (example)

- accept, no changes
- accept, minor changes (no extra refereeing needed)
- accept, subject to major changes (new round of refereeing)
- reject

- longer (10-50 pages)
- include all details

Taxonomy

- regular paper
- special issue
 - for a conference/workshop (selected papers only)
 - anniversary (person/area)
 - for active new topics
- survey
- short paper
- editorial

EXAMPLES