

Wellcome to the IMC business meeting

IMC Steering Committee

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Agenda

- Should IMC participate in a move towards PACM (Proceedings of the ACM)?
- Should IMC move to multiple deadlines?
- Any other business

Proceedings of the ACM A Title on Networking?

Draft based on slides used at
CoNEXT Community Meeting
Dec 10, 2019, Orlando

Proceedings of the ACM

- Publishes conference proceedings as an issue in the PACM journal
 - PACM is organized in a set of “titles” corresponding the topics
 - PACM has established a set of rules to ensure quality
 - Current five titles: programming languages, measurement/analysis of systems, HCI, graphics/interactive, interactive/mobile/wearable/ubiquitous
 - Details at <https://www.acm.org/publications/pacm/introducing-pacm>
- PACM has several goals:
 - Ensure that papers in archival conferences have journal status everywhere
 - Increase the quality of the papers in the field
 - Possibly increase the number of high-quality papers in the field
- Papers get cited as a journal paper, e.g., for SIGMETRICS
 - Proc. ACM Measurement and Analysis of Computing Systems, X, Y, Article Z
- **Could this be a good fit for IMC as well?**
- CoNEXT is moving in this direction

PACM is Real

- PACM on Programming languages (PACMPL)
- PACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT)
- PACM on Computer Graphics and Interactive Techniques (PACMGIT)
- PACM on Measurement and Analysis of Computer Systems (POMACS)
- PACM on Human Computer Interactions (PACM HCI)
- Number of conferences differs across PACM titles

Benefit of journalification

- Different communities see journal vs conference differently
 - US/CS accepts conferences
 - but EU/Asia/Australia/South America are more journal-oriented
- By automatically publishing as journal
 - Authors in journal oriented areas are happier
 - the “Major Revision” improves the quality of conference too
 - no “30% more material” requirement if a journal version is needed
 - ...
- Other TOP journals in networking?
 - most top venues are IEEE... PACM may become a reference
 - https://scholar.google.com/citations?view_op=top_venues&hl=en&vq=eng_computernet_workswirelesscommunication
 - <https://www.guide2research.com/journals/>
 - IMC and CoNEXT are in the top conference
 - <https://www.guide2research.com/topconf/>

PACM Principles for Review Process

- Clear documentation of review process and policy
- Minimum of three expert reviewers with written reviews
- Reviewers may be drawn from outside the conference Program Committee
- Specific provisions for conflict-of-interest
- **Minimum of two-cycle review with opportunity for major revisions reviewed by same reviewers**
 - Traditionally, conferences only allow minor revisions (if one deadline/year)
 - Major revisions require resubmitting the paper as a new paper
 - CoNEXT introduced a “major revision” option – viewed as a positive change

How to Support Major Revisions

- Single deadline but increase the amount of time for revisions
 - Less disruptive for conferences with a single deadline
- Multiple deadlines and review cycles per year
 - Papers “accepted with major revision” are reviewed by the same reviewers in the next review cycle
 - Could have one or multiple PACM issues per year
 - Several conferences already have multiple deadlines: NSDI, Mobicom, ...
- Some more elaborate schemes
 - E.g., papers with major revisions appear in later PACM issue, ...

Journal Status

- The ACM Digital Library has people who work on having ACM journals, including PACM, accepted as journals in various citation indexes
 - This is a two year process
- To be accepted as journals by the journal's web site and papers should not reference the conference
- Think: published in the PACM journal AND presented at the conference – text used in the Editorial Message for some PACM issues
 - <https://dl.acm.org/action/showFmPdf?doi=10.1145%2F3445980>
- The citation can refer to the conference by using a Topic name for each issue, e.g., for PACMPL:
 - Proceedings of the ACM on Programming Languages, Volume 4, Issue POPL, Jan 2020
 - See: <https://www.acm.org/publications/pacm/pacm-guidelines>

Some Details

- PACM does require a minimum number of issues for each title
 - That is one of the features of journals
 - Three is probably the minimum (e.g., POMACS presented at Sigmetrics)
- Conferences that published their papers in the same PACM titles can be organized in different ways
 - E.g., some can have multiple deadlines, others may have one
 - The Major Revision option can be implemented differently
 - The only requirement is that they all meet the PACM review criteria
- There is a no page requirement for PACM papers, however **short papers** are problematic
 - They would also have reviewed based on the PACM criteria
 - Unclear how to handle unfinished work, e.g., allow the authors to submit a long paper based on their preliminary results?
 - It may be possible to have a separate issue for short papers, e.g., analog to „letters“