Welcome 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](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](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“